I. Potential References of Interest

** EIC-Searcher identified "potential references of interest" are selected based on the terms/concepts provided in the examiner's search request.*

14/3K/12 (Item 1 from file: 349) **Links**
Fulltext available through: Order File History
PCT FULLTEXT

00548192
INSTALLING AND LOADING DEVICE DRIVERS ON AN ENTERTAINMENT SYSTEM
SYSTEME DE DIVERTISSEMENT ET PROCEDE D'ALIMENTATION DE DONNEES, PROCESSEUR DE DONNES ET PROCEDE DE TRAITEMENT DE DONNEES, CONTROLEUR ET PROCEDE DE STOCKAGE DES DONNEES

Patent Applicant/Patent Assignee:

- **SONY COMPUTER ENTERTAINMENT INC**

Inventor(s):

- **CHATANI Masayuki**

	Country	Number	Kind	Date
Patent	WO	200011565	A2	20000302
Application	WO	99JP4486		19990820
Priorities	JP	98234607		19980820

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AU, BR, CA, CN, KR, MX, NZ, RU, SG, AT,
BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE

Publication Language: Englis h
Filing Language:
Fulltext word count: 14551

Detailed Description:

...memory card 3, in step S13, microprocessor 32, using this established
communication path, temporarily puts **into buffer** 34 the device **drivers** 150 and identification information received from video game machine 2, then puts it into nonvolatile...

8/3K/8 (Item 8 from file: 348) **Links**
Fulltext available through: Order File History
EUROPEAN PATENTS

00991547
Method of printing test pattern and printing apparatus for the same
Probemusterdruckverfahren und zugehorige Vorrichtung
Procede d'impression d'un motif d'essai et dispositif correspondant

Patent Assignee:

- **Seiko Epson Corporation**; (2132631)
  4-1, Nishishinjuku 2-Chome; Shinjuku-ku, Tokyo 163-0811; (JP)
  (Proprietor designated states: all)

Inventor:

- **Shimada, Kazumichi**
  c/o Seiko Epson Corporation, 3-5, Owa 3-chome; Suwa-shi, Nagano-ken, 392-8502; (JP)
- **Liu, Sa**
  c/o Seiko Epson Corporation, 3-5, Owa 3-chome; Suwa-shi, Nagano-ken, 392-8502; (JP)

Legal Representative:

- **Tothill, John Paul et al (81551)**
  Frank B. Dehn & Co. 179 Queen Victoria Street; London EC4V 4EL; (GB)

	Country	Number	Kind	Date	
Patent	EP	895869	A2	19990210	(Basic)
	EP	895869	A3	20000517	
	EP	895869	B1	20040225	
Application	EP	98306127		19980731	
Priorities	JP	97220782		19970731	
	JP	97234705		19970829	

Designated States:
DE; FR; GB;

Extended Designated States:
AL; LT; LV; MK; RO; SI;

International Patent Class (V7): B41J-019/14; B41J-029/393**Abstract Word Count:** 211
NOTE: 8 & 9
NOTE: Figure number on first page: 8 & 9

Type	Pub. Date	Kind	Text
Publication:	English		
Procedural:	English		
Application:	English		

h

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199906	1691
SPEC A	(English)	199906	13296
CLAIMS B	(English)	200409	1375
CLAIMS B	(German)	200409	1347
CLAIMS B	(French)	200409	1546
SPEC B	(English)	200409	13246
Total Word Count (Document A) 14989			
Total Word Count (Document B) 17514			
Total Word Count (All Documents) 32503			

Specification: ...disk or a CD-ROM. The computer reads the program from the recording medium and **transfers** the **input** program **into** its internal **storage** device or **external** storage **device** . Alternatively the **program** may be supplied to the computer via a communications path. The microprocessor in the computer...

Specification: ...disk or a CD-ROM. The computer reads the program from the recording medium and **transfers** the **input** program **into** its internal **storage** device or **external** storage **device** . Alternatively the **program** may be supplied to the computer via a communications path. The microprocessor in the computer...

12/3,K/24 (Item 21 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0007650347 & & *Drawing available*
WPI Acc no: 1996-270173/199628
XRPX Acc No: N1996-227029
Device, e.g. printer or display, controlled by information processing appts. - has unit identifying type of operating system of information processing appts. and outputting device driver controlling device to information processing appts.
Patent Assignee: CANON KK (CANO)
Inventor: NAKAGIRI K

Patent Family (5 patents, 6 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 716371	A2	19960612	EP 1995119135	A	19951205	199628	B
JP 8161250	A	19960621	JP 1994301723	A	19941206	199635	E
EP 716371	B1	20030326	EP 1995119135	A	19951205	200323	E
DE 69530050	E	20030430	DE 69530050	A	19951205	200336	E
			EP 1995119135	A	19951205		
US 6606669	B1	20030812	US 1995567536	A	19951205	200355	E

Priority Applications (no., kind, date): JP 1994301723 A 19941206; EP 1995119135 A 19951205

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 716371	A2	EN	13	7		
Regional Designated States,Original	DE FR GB IT NL					
JP 8161250	A	JA	11			
EP 716371	B1	EN				
Regional Designated States,Original	DE FR GB IT NL					
DE 69530050	E	DE			Application	EP 1995119135
					Based on OPI patent	EP 716371

Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**basis of the identification result. The peripheral device has a memory in which the device **driver** corresponding to the **peripheral** device has been stored, **the** device **driver** in **the** memory is **transferred to** the host computer as necessary and is loaded into the OS of the host computer.

12/3,K/18 (Item 15 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0008186327 & & *Drawing available*
WPI Acc no: 1997-289439/199726
XRPX Acc No: N1997-239657
Loadable driver for handling mass memory interface to computer - has disc driver held on disc and loaded into computer memory along with defect list during initialisation with expansion BIOS
Patent Assignee: INTERSECT TECHNOLOGIES INC (INTE-N); TEXAS INSTR INC (TEXI)
Inventor: CORNABY S R; HARMER T D

Patent Family (7 patents, 70 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997018505	A2	19970522	WO 1996US17550	A	19961031	199726	B
AU 199675514	A	19970605	AU 199675514	A	19961031	199738	E
WO 1997018505	A3	19970612	WO 1996US17550	A	19961031	199740	E
EP 806005	A1	19971112	EP 1996937864	A	19961031	199750	E
			WO 1996US17550	A	19961031		
US 6393492	B1	20020521	US 1995553024	A	19951103	200239	E
EP 806005	B1	20030326	EP 1996937864	A	19961031	200323	E
			WO 1996US17550	A	19961031		
DE 69626962	E	20030430	DE 69626962	A	19961031	200336	E
			EP 1996937864	A	19961031		
			WO 1996US17550	A	19961031		

Priority Applications (no., kind, date): US 1995553024 A 19951103

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1997018505	A2	EN	41	5		
National Designated States,Original	AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN					
Regional Designated States,Original	AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 199675514	A	EN			Based on OPI patent	WO 1997018505
WO 1997018505	A3	EN				
EP 806005	A1	EN			PCT Application	WO 1996US17550
					Based on OPI patent	WO 1997018505
Regional Designated States,Original	DE FR GB IT NL					
EP 806005	B1	EN			PCT Application	WO 1996US17550
					Based on OPI patent	WO 1997018505
Regional Designated States,Original	DE FR GB IT NL					
DE 69626962	E	DE			Application	EP 1996937864
					PCT Application	WO 1996US17550
					Based on OPI patent	EP 806005
					Based on OPI patent	WO 1997018505

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**mass memory storage peripheral computer device (56);b) during the start-up of the system, **loading** the **loadable** device **driver** (66) **into the system** RAM (50) for use during the operation of the system,
wherein the loadable device driver...

12/3,K/31 (Item 28 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0006483750 & & *Drawing available*
WPI Acc no: 1993-289841/199337
XRPX Acc No: N1993-222919
Input-output control in computer system - involves transmitting channel program corresp. to stored I-O requests to external storage controller which performs queuing of sequentially executed channel commands
Patent Assignee: HITACHI LTD (HITA)
Inventor: ODAWARA H; TAKAMOTO Y

Patent Family (5 patents, 3 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 560343	A1	19930915	EP 1993103889	A	19930310	199337	B

US 5640596	A	19970617	US 199327373	A	19930308	199730	E
EP 560343	B1	19990113	EP 1993103889	A	19930310	199907	E
DE 69322985	E	19990225	DE 69322985	A	19930310	199914	E
			EP 1993103889	A	19930310		
JP 3252517	B2	20020204	JP 199347731	A	19930309	200211	E

Priority Applications (no., kind, date): JP 199251299 A 19920310

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 560343	A1	EN	42	24		
Regional Designated States,Original	DE GB					
US 5640596	A	EN	38	24		
EP 560343	B1	EN				
Regional Designated States,Original	DE GB					
DE 69322985	E	DE			Application	EP 1993103889
					Based on OPI patent	EP 560343
JP 3252517	B2	JA	37		Previously issued patent	JP 06012359

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**said upper apparatus, from a storage (121) which holds a plurality of control programs;
(b) **transferring** said read out control program to said external storage control **apparatus** (131);
(c) **storing** said transferred **control program** within said **external** storage control **apparatus** (131); **and**
(d) executing **said** stored control **program** under control of said **external** storage control **apparatus** (131). ... ... said upper apparatus, from a storage (121) which holds a plurality of control programs;
(b) **transferring** said read out control **program to** said **external storage** control **apparatus** (131);
(c) storing said transferred control program within said external storage control apparatus (131); and... ... the external storage control apparatus;(b) transferring said read out control programs collectively as one **transfer** unit **to** said **external storage** control **apparatus**;(**c**) storing said **transferring** control programs in a memory within said external storage control apparatus; and,(d) executing said

20/3K/1 (Item 1 from file: 348) **Links**
Fulltext available through: Order File History
EUROPEAN PATENTS

01808317
Printer, recording medium for storing print control programs, and printing method
Drucker, Speichermedium fur das Drucksteuerprogramm und Druckverfahren
Imprimante, medium de stockage pour des programmes de commande d'impression et methode d'impression

Patent Assignee:

- **SEIKO EPSON CORPORATION**; (730008)
  4-1, Nishi-Shinjuku 2-chome; Shinjuku-ku,Tokyo; (JP)
  (Proprietor designated states: all)

Inventor:

- **Hayashi, Toshihiro**
  Seiko Epson Corporation3-5, Owa 3-chome; Suwa-shiNagano; (JP)
- **Matsuzawa, Yoshihiko**
  Seiko Epson Corporation3-5, Owa 3-chome; Suwa-shiNagano; (JP)

Legal Representative:

- **Marchitelli, Mauro (73475)**
  c/o Buzzi, Notaro & Antonielli d'Oulx Srl Via Maria Vittoria 18; 10123 Torino; (IT)

	Country	Number	Kind	Date	
Patent	EP	1475235	A1	20041110	(Basic)
	EP	1475235	B1	20060920	
Application	EP	2004016811		19990825	
Priorities	JP	98242351		19980827	
	JP	98305882		19981027	
	JP	99198990		19990713	

Designated States:
AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE;

Related Parent Numbers: Patent (Application):EP 982146 (EP 99116619)

International Patent Class (V7): B41J-013/12; B41J-002/045

IPC	Level	Value	Position	Status	Version	Action	Source	Office
B41J-0013/12	A	I	F	B	20060101	20040916	H	EP
B41J-0002/045	A	I	L	B	20060101	20040916	H	EP

Abstract Word Count: 119
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text
Publication:	English		
Procedural:	English		
Application:	English		

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200446	1189

SPEC A	(English)	200446	13989
CLAIMS B	(English)	200638	1195
CLAIMS B	(German)	200638	1006
CLAIMS B	(French)	200638	1392
SPEC B	(English)	200638	13297
Total Word Count (Document A) 15181			
Total Word Count (Document B) 16890			
Total Word Count (All Documents) 32071			

Specification: ...device 103 into the memory 102 and executed by the CPU 101, or that the **printer driver** is down-**loaded** through a network **into** the external **storage** device 103, and it is **loaded**, as occasion demands, from the external storage device 103 into the memory 102 or directly...

Specification: ...device 103 into the memory 102 and executed by the CPU 101, or that the **printer driver** is down-**loaded** through a network **into** the external **storage** device 103, and it is **loaded**, as occasion demands, from the external storage device 103 into the memory 102 or directly...

II. Inventor Search

A. Dialog

5/3,K/1 (Item 1 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0018572472 & & *Drawing available*
WPI Acc no: 2009-A70870/200903
Related WPI Acc No: 2000-328491; 2001-432413; 2002-214782; 2003-066534; 2003-421749; 2003-502854; 2003-504261; 2005-020746; 2006-182494; 2006-391340; 2006-519212; 2006-535942; 2006-566932; 2006-619259; 2006-659309; 2006-659310; 2006-659311; 2006-659312; 2006-659313; 2006-706723; 2006-706724; 2006-706725; 2006-715867; 2006-715868; 2006-715869; 2007-053042; 2007-108416; 2007-473956; 2007-505533; 2007-505534; 2007-505535; 2007-555745; 2007-717864; 2007-869838; 2008-A32644; 2008-B36943; 2008-C32425; 2008-E80755; 2008-F39709; 2008-G80260; 2008-K62708; 2008-L67556; 2008-M28939; 2009-A70737; 2009-A72759
XRPX Acc No: N2009-050167
Operating method of automated banking machine e.g. automated teller machine, involves printing image corresponding to check image data which is modified to change micr line content in check
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: BARNETT R W; BELL V; **BLACKSON D H**; BROWN M J; CARPENTER K; CREWS T; DROZDA L; GALLOWAY T; GRAEF H T; KAY J R; LASKOWSKI E L; MCCARTHY W; PAHL M; PETERS D A; RYAN M; WARD M A; WARREN W

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7469824	B1	20081230	US 1999167996	P	19991130	200903	B
			US 2000723304	A	20001127		
			US 2003504282	P	20030917		
			US 2003504776	P	20030917		
			US 2003503825	P	20030922		
			US 2004537581	P	20040120		
			US 2004537788	P	20040120		
			US 2004537795	P	20040120		
			US 2004584532	P	20040629		
			US 2004584578	P	20040629		
			US 2004584592	P	20040629		
			US 2004584622	P	20040629		

			US 2004584742	P	20040629		
			US 2004944578	A	20040916		
			US 200539655	A	20050119		
			US 2005678916	P	20050506		
			US 2005168027	A	20050627		

Priority Applications (no., kind, date): US 1999167996 P 19991130; US 2000723304 A 20001127; US 2003504282 P 20030917; US 2003504776 P 20030917; US 2003503825 P 20030922; US 2004537581 P 20040120; US 2004537788 P 20040120; US 2004537795 P 20040120; US 2004584532 P 20040629; US 2004584578 P 20040629; US 2004584592 P 20040629; US 2004584622 P 20040629; US 2004584742 P 20040629; US 2004944578 A 20040916; US 200539655 A 20050119; US 2005678916 P 20050506; US 2005168027 A 20050627

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7469824	B1	EN	110	80	Related to Provisional	US 1999167996
					C-I-P of application	US 2000723304
					Related to Provisional	US 2003504282
					Related to Provisional	US 2003504776
					Related to Provisional	US 2003503825
					Related to Provisional	US 2004537581
					Related to Provisional	US 2004537788
					Related to Provisional	US 2004537795
					Related to Provisional	US 2004584532
					Related to Provisional	US 2004584578
					Related to Provisional	US 2004584592
					Related to Provisional	US 2004584622
					Related to Provisional	US 2004584742
					C-I-P of application	US 2004944578
					C-I-P of application	US 200539655
					Related to Provisional	US 2005678916

...Inventor: **BLACKSON D H Alerting Abstract** ...USE - Operating method of automated banking machine e.g. automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Blackson, Dale H**

5/3,K/2 (Item 2 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0018572339 & & *Drawing available*
WPI Acc no: 2009-A70737/200903

Related WPI Acc No: 2000-328491; 2001-432413; 2002-214782; 2003-066534; 2003-421749; 2003-502854; 2003-504261; 2005-020746; 2006-182494; 2006-391340; 2006-519212; 2006-535942; 2006-566932; 2006-619259; 2006-659309; 2006-659310; 2006-659311; 2006-659312; 2006-659313; 2006-706723; 2006-706724; 2006-706725; 2006-715867; 2006-715868; 2006-715869; 2007-053042; 2007-108416; 2007-473956; 2007-505533; 2007-505534; 2007-505535; 2007-555745; 2007-717864; 2007-869838; 2008-A32644; 2008-B36943; 2008-C32425; 2008-E80755; 2008-F39709; 2008-G80260; 2008-K62708; 2008-L67556; 2008-M28939; 2009-A70870; 2009-A72759

XRPX Acc No: N2009-050038

Automated banking method for check accepting and cash dispensing, involves crediting input amount value to machine user when characters corresponding to dollars and cents are represented in image data of check

Patent Assignee: DIEBOLD INC (DIEB-N)

Inventor: BARNETT R W; BELL V; **BLACKSON D H**; BROWN M J; CARPENTER K; CREWS T; DROZDA L; GALLOWAY T; GRAEF H T; KAY J R; LASKOWSKI E L; MCCARTHY W; PAHL M; PETERS D A; RYAN M; WARD M A; WARREN W

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7467744	B1	20081223	US 1999167996	P	19991130	200903	B
			US 2000723304	A	20001127		
			US 2003504282	P	20030917		
			US 2003504776	P	20030917		
			US 2003503825	P	20030922		
			US 2004537581	P	20040120		
			US 2004537788	P	20040120		
			US 2004537795	P	20040120		
			US 2004584532	P	20040629		
			US 2004584578	P	20040629		
			US 2004584592	P	20040629		
			US 2004584622	P	20040629		
			US 2004584742	P	20040629		
			US 2004944578	A	20040916		
			US 200539655	A	20050119		
			US 2005678916	P	20050506		
			US 2005167976	A	20050627		

Priority Applications (no., kind, date): US 1999167996 P 19991130; US 2000723304 A 20001127; US 2003504282 P 20030917; US 2003504776 P 20030917; US 2003503825 P 20030922; US 2004537581 P 20040120; US 2004537788 P 20040120; US 2004537795 P 20040120; US 2004584532 P 20040629; US 2004584578 P 20040629; US 2004584592 P 20040629; US 2004584622 P 20040629; US 2004584742 P 20040629; US 2004944578 A 20040916; US 200539655 A 20050119; US 2005678916 P 20050506; US 2005167976 A 20050627

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7467744	B1	EN	111	80	Related to Provisional	US 1999167996

					C-I-P of application	US 2000723304
					Related to Provisional	US 2003504282
					Related to Provisional	US 2003504776
					Related to Provisional	US 2003503825
					Related to Provisional	US 2004537581
					Related to Provisional	US 2004537788
					Related to Provisional	US 2004537795
					Related to Provisional	US 2004584532
					Related to Provisional	US 2004584578
					Related to Provisional	US 2004584592
					Related to Provisional	US 2004584622
					Related to Provisional	US 2004584742
					C-I-P of application	US 2004944578
					C-I-P of application	US 200539655
					Related to Provisional	US 2005678916

...Inventor: **BLACKSON D H Alerting Abstract** ...36 **Transaction function** devices... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Blackson, Dale H**

5/3,K/3 (Item 3 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0018047766 & & *Drawing available*
WPI Acc no: 2008-J68094/200856
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-K24443; 2008-K24466
XRPX Acc No: N2008-698310
Card activated cash dispensing automated transaction machine for use with banking system, has services layer operated in computer, where communication via layer causes software component to cause function device to carry out common function
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: BLOCK J; CWIKLA J; **DRUMMOND J P**; REED B; SHEPLEY S; **SMITH M D** ; USNER R

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080185428	A1	20080807	US 199631956	P	19961127	200856	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
			US 2000207043	P	20000525		
			US 2001863911	A	20010523		
			US 200875236	A	20080310		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193637 A 19981117; US 2000207043 P 20000525; US 2001863911 A 20010523; US 200875236 A 20080310

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20080185428	A1	EN	12	4	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193637
					Related to Provisional	US 2000207043
					Continuation of application	US 2001863911
					C-I-P of patent	US 6289320
					Continuation of patent	US 7341177

...Inventor: **DRUMMOND J P**... ...**SMITH M D Alerting Abstract** ...NOVELTY - The machine has a set of **transaction function** devices (42) e.g. coin dispenser, with a cash dispenser in operative connection with an automated teller **machine** (**ATM**) computer (22). Open device services (ODS) components (36) cause a service provider software component to cause one of the function devices to carry out **transaction function**. Extensions for financial services (XFS) layer (28) are operated in the computer, where the communication through the layer causes the software component to cause the **transaction function** device to carry out a common **transaction function**. ...machine improves the ability of a single application to function properly on different automated teller **machine** (**ATM**) platforms, efficiently troubleshoots ATM hardware, simplifies programming of ATM applications, and offers low level diagnostic... ...42 **Transaction function** devices **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Drummond, Jay Paul**... ...**Smith, Mark D** ...**Original Abstracts:**a cross-vender software and hardware platform architecture includes a computer and a plurality of **transaction function** devices. The machine further includes a plurality of **device driver** components that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS

layer to control the operation of the **transaction function** devices. The machine further includes a terminal application and an ODS layer. The ODS layer includes a plurality of ODS components that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer. **Claims:**We claim:**1**. An automated transaction machine comprising:at least one computer;a plurality of **transaction function** devices including a card reader and a cash dispenser in operative connection with the at least one computer, wherein the plurality of **transaction function** devices includes at least one **transaction function** device of a first type, wherein the at least one **transaction function** device is capable of operation to carry out at least one first **transaction function**, wherein the at least one **transaction function** device is in operative connection with the at least one computer, wherein the at least one **transaction function** device includes;an extensions for financial services (XFS) manager software layer operative in the at... ... responsive to the XFS manager software layer to control operation of the at least one **transaction function** device, wherein the service provider software layer includes at least one of a plurality of... ... software components, wherein each respective service provider software component is operative to control a corresponding **transaction function** device of the first type, wherein a plurality of mechanically different devices of the first... ... of being operated in automated transaction machines to carry out the at least one first **transaction function**, wherein at least one first service provider software component included in the service provider software layer of the machine is operative to control the at least one **transaction function** device of the machine;a further software layer, wherein at least a portion of the... ... the at least one first service provider software component to cause the at least one **transaction function** device of the machine to carry out the at least one first **transaction function** responsive to communication through the XFS manager layer, wherein a plurality of the further software... ... service provider software component to cause a respective one of a plurality of mechanically different **transaction function** devices to carry out a common at least one **transaction function.>**

5/3,K/4 (Item 4 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0017950356 & *Drawing available*
WPI Acc no: 2008-H70685/200849
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2008-615492
Automated banking machine i.e. automated teller machine, for use in wide area network, has server providing mark up language document including automated transaction machine instructions
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080147547	A1	20080619	US 199631956	P	19961127	200849	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193565	A	19981117		
			US 2005270392	A	20051108		
			US 200870513	A	20080219		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193565 A 19981117; US 2005270392 A 20051108; US 200870513 A 20080219

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20080147547	A1	EN	54	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193565
					Division of application	US 2005270392
					Division of patent	US 7062464
					Division of patent	US 7333954

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Alerting Abstract** ...machine has a server to receive machine device data indicative of an operational availability of **transaction function** devices in a transaction machine that differs from the operational availability of the **transaction function** devices in another transaction machine. The server provides a mark up language document including automated transaction machine instructions corresponding to the former operational availability of the **transaction function** devices in the former transaction machine, where the transaction machine instructions differ from each other. **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James Original Abstracts:**An automated banking machine includes at least one browser and **transaction function** devices, including a currency dispenser device. The machine can be operated in a modified mode... ... to communicate with one or more servers. Data indicative of the availability of the certain **transaction function** devices can be communicated to a server. One or more mark up language documents containing data and/or instructions that correspond to the operational availability to the machine of the **transaction**

function devices can be accessed. The machine can then be operated responsive to the data and... ... example, the machine may change its display output to a customer to reflect its current **transaction function** device status. Customer transaction options can be readily changed via machine/server communication on a... ...**Claims:**is operative to receive first machine device data indicative of a first operational availability of **transaction function** devices in a first automated transaction machine,wherein responsive to receiving the first machine device... ... includes first automated transaction machine instructions which correspond to the first operational availability of the **transaction function** devices in the first automated transaction machine,wherein the server is operative to receive second machine device data indicative of a second operational availability of **transaction function** devices in a second automated transaction machine that differs from the first operational availability of the **transaction function** devices in the first automated transaction machine,wherein responsive to receiving the second machine device... ... document includes second automated transaction machine instructions corresponding to the second operational availability of the **transaction function** devices in the second automated transaction machine, wherein the second automated transaction machine instructions differ...

5/3,K/5 (Item 5 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0017661857 & *Drawing available*
WPI Acc no: 2008-E82429/200833
Related WPI Acc No: 2002-705430; 2004-079688; 2004-327028; 2004-649233; 2005-312293; 2006-170489; 2006-686432; 2007-454457; 2008-H70266; 2008-H70267
XRPX Acc No: N2008-379681
Automated banking machine e.g. automated teller machine, system for e.g. dispensing currency or accepting deposit from user, has robotic handling device moving gripped item between customer stations and pneumatic tube
Patent Assignee: DIEBOLD INC (DIEB-N); DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: BARKER D A; DELANEY D J; DOUGLAS M; GREEN P C; HERRERA E; HILL J A; RAMACHANDRAN N; **SMITH M**; THERIAULT F M

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080091601	A1	20080417	US 1999168882	P	19991203	200833	B
			US 2000725650	A	20001129		
			US 2002231212	A	20020829		
			US 2006514527	A	20060901		
			US 2007704506	A	20070209		
			US 2007998941	A	20071203		
US 7438222	B2	20081021	US 1999168882	P	19991203	200875	E
			US 2000725650	A	20001129		
			US 2002231212	A	20020829		
			US 2006514527	A	20060901		
			US 2007704506	A	20070209		
			US 2007998941	A	20071203		

Priority Applications (no., kind, date): US 1999168882 P 19991203; US 2000725650 A 20001129; US 2002231212 A 20020829; US 2006514527 A 20060901; US 2007704506 A 20070209; US 2007998941 A 20071203

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20080091601	A1	EN	45	32	Related to Provisional	US 1999168882
					Division of application	US 2000725650
					Division of application	US 2002231212
					Division of application	US 2006514527
					Division of application	US 2007704506
					Division of patent	US 6443359
					Division of patent	US 7100819
					Division of patent	US 7195153
US 7438222	B2	EN			Related to Provisional	US 1999168882
					Division of application	US 2000725650
					Division of application	US 2002231212
					Division of application	US 2006514527
					Division of application	US 2007704506
					Division of patent	US 6443359
					Division of patent	US 7100819
					Division of patent	US 7195153
					Division of patent	US 7392937

...Inventor: **SMITH M Alerting Abstract** ...USE - Automated banking machine e.g. automated teller **machine** (**ATM**), bill counter, check acceptor and passbook printer, system for performing a transaction such as dispensing... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0040/00** ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Mark**... ...**Smith, Mark**

5/3,K/6 (Item 6 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0017397336 & & *Drawing available*
WPI Acc no: 2008-C17778/200816
Related WPI Acc No: 2003-687319; 2004-551784; 2004-579744; 2004-579745; 2004-667494; 2004-667495; 2004-667496; 2004-746787; 2005-283713; 2007-008033; 2007-032332; 2007-148350; 2007-521668; 2007-649499; 2007-715949; 2008-C74581; 2008-H26996
XRPX Acc No: N2008-174049
Card activated automated banking machine apparatus e.g. automated teller machine, for use in e.g. customer service environment, has controller comparing data corresponding to determined levels and

causing machine to take action
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: **BLACKSON D H**; ENRIGHT J M; JENKINS R; RAMACHANDRAN N

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080041934	A1	20080221	US 2002429478	P	20021126	200816	B
			US 2003601813	A	20030623		
			US 2004560674	P	20040407		
			US 2004832960	A	20040427		
			US 2006454257	A	20060616		
			US 2006853098	P	20061020		
			US 2007975293	A	20071018		

Priority Applications (no., kind, date): US 2002429478 P 20021126; US 2003601813 A 20030623; US 2004560674 P 20040407; US 2004832960 A 20040427; US 2006454257 A 20060616; US 2006853098 P 20061020; US 2007975293 A 20071018

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20080041934	A1	EN	35	22	Related to Provisional	US 2002429478
					C-I-P of application	US 2003601813
					Related to Provisional	US 2004560674
					Continuation of application	US 2004832960
					C-I-P of application	US 2006454257
					Related to Provisional	US 2006853098
					Continuation of patent	US 7118031
					C-I-P of patent	US 7240827
					C-I-P of patent	US 7316348

Inventor: **BLACKSON D H**... **Alerting Abstract** ...shows an isometric external view of an automated banking machine which is an automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Blackson, Dale H**

5/3,K/7 (Item 7 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0017194939 & *Drawing available*
WPI Acc no: 2008-A15373/200801
Related WPI Acc No: 2003-102262; 2003-119684; 2003-119686
XRPX Acc No: N2008-011951

Card activated automated teller machine operating method for e.g. checking financial account, involves receiving financial account number from financial card e.g. bank card, through operation of card reader
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: PARMELEE C L; **SMITH M D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070276754	A1	20071129	US 2001273996	P	20010307	200801	B
			US 2001319015	P	20011129		
			US 2002683944	A	20020305		
			US 2007800688	A	20070507		

Priority Applications (no., kind, date): US 2001273996 P 20010307; US 2001319015 P 20011129; US 2002683944 A 20020305; US 2007800688 A 20070507

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070276754	A1	EN	27	19	Related to Provisional	US 2001273996
					Related to Provisional	US 2001319015
					Division of application	US 2002683944
					Division of patent	US 7216083

...Inventor: **SMITH M D Alerting Abstract** ...DESCRIPTION OF DRAWINGS - The drawing shows a schematic view of an automated teller **machine** (**ATM**). ... ...10 Automated teller **machine** (**ATM**) **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Mark D**

5/3,K/8 (Item 8 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0017070468 & & *Drawing available*
WPI Acc no: 2007-785425/200773
Related WPI Acc No: 2000-013297; 2001-006547; 2001-625543; 2004-687760; 2005-784044; 2006-133549; 2006-290253; 2006-679465; 2007-170979; 2007-307207; 2007-637616; 2007-785426; 2007-858127; 2008-A57142; 2008-D49291; 2008-D51260; 2008-K24460
XRPX Acc No: N2007-622819
Automated banking machine e.g. automated teller machine, system for e.g. dispensing cash, has input device and check accepting device of machine to accept certification data and check, for delivering cash in exchange for check
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS (DIEB-N); DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)

Inventor: **BLACKSON D H**; KOLINSKI-SCHULTZ D E; MATEEN A; RAMACHANDRAN N; **SMITH M D**

Patent Family (3 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070235520	A1	20071011	US 2006789644	P	20060405	200773	B
			US 2006795721	P	20060428		
			US 2007732370	A	20070403		
US 7416112	B2	20080826	US 2007732370	A	20070403	200857	E
US 7424972	B2	20080916	US 2000180490	P	20000205	200861	E
			US 2000250269	P	20001130		
			US 2001776503	A	20010202		
			US 2002360675	P	20020301		
			US 2003376952	A	20030227		
			US 2006789644	P	20060405		
			US 2007732371	A	20070403		

Priority Applications (no., kind, date): US 2000180490 P 20000205; US 2000250269 P 20001130; US 2001776503 A 20010202; US 2002360675 P 20020301; US 2003376952 A 20030227; US 2006789644 P 20060405; US 2006795721 P 20060428; US 2007732370 A 20070403; US 2007732371 A 20070403

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070235520	A1	EN	47	11	Related to Provisional	US 2006789644
					Related to Provisional	US 2006795721
US 7424972	B2	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
					C-I-P of application	US 2001776503
					Related to Provisional	US 2002360675
					C-I-P of application	US 2003376952
					Related to Provisional	US 2006789644

Inventor: **BLACKSON D H**... ...**SMITH M D Alerting Abstract** ... for providing cash for a check at an automated banking machine such as automated teller **machine** (**ATM**) located in retail or service facility such as store, gas station, restaurant, bar and gaming... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0040/00** ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Smith, Mark D**... ...**Blackson, Dale H**... ...**Smith, Mark D**... ...**Blackson, Dale H**... ...**Blackson, Dale H**... ...**Smith, Mark D Original Abstracts:**A card actuated automated banking machine (**152, 198, 200**) includes a plurality of **transaction function** devices. The **transaction function** devices include a card reader (**170**), a printer (**174**), a bill dispenser (**176**), a coin... ... A card actuated automated banking machine (**152, 198, 200**) includes a plurality of **transaction function** devices. The **transaction function** devices include a card reader (**170**), a printer (**174**), a bill dispenser (**176**), a coin... ... An automated banking machine (**152**) includes a plurality of **transaction function** devices. The **transaction function** devices include a card reader (**170**), a keypad

(**172**), a printer (**174**), a bill dispenser...

5/3,K/9 (Item 9 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0016973115 & & *Drawing available*
WPI Acc no: 2007-688181/200764
Related WPI Acc No: 2002-526989
XRPX Acc No: N2007-540480
Electronic media e.g. music, purchase fulfilling method for e.g. automated teller machine, involves receiving request to dispense media at terminal by wireless communication from server, and preparing and dispensing media to user
Patent Assignee: HENDERSON J (HEND-I); NIELSEN P (NIEL-I); ROSSMANN W D (ROSS-I); SMITH M R (SMIT-I); WALTER M (WALT-I); NCR CORP (NATC)
Inventor: HENDERSON J; NIELSEN P; ROSSMANN W D; **SMITH M R**; WALTER M

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070188804	A1	20070816	US 2001992231	A	20011106	200764	B
			US 2007788088	A	20070419		
US 7426053	B2	20080916	US 2007788088	A	20070419	200861	E

Priority Applications (no., kind, date): GB 200028475 A 20001122; US 2007788088 A 20070419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070188804	A1	EN	12	8	Continuation of application	US 2001992231
					Continuation of patent	US 7233408

...Inventor: **SMITH M R Alerting Abstract** ...and printing of concert tickets, purchase and writing of compact disc, at an automated teller **machine** (**ATM**) (claimed) and kiosk, of a financial institution... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00** ...**G06Q-0020/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Martin R**... ...**Smith, Martin R**

5/3,K/10 (Item 10 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0016922550
WPI Acc no: 2007-637616/200760
Related WPI Acc No: 2000-013297; 2001-006547; 2001-625543; 2004-687760; 2005-784044; 2006-

133549; 2006-290253; 2006-679465; 2007-170979; 2007-307207; 2007-785425; 2007-785426; 2007-858127; 2008-A57142; 2008-D49291; 2008-D51260; 2008-K24460; 1999-550857
XRPX Acc No: N2007-497846

Automated teller/transaction machine e.g. internet service provider automated teller/transaction machine, for carrying out banking transaction e.g. bill payment, has wireless access device connected to computer

Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **DRUMMOND J P**; RAMACHANDRAN N; **SMITH M D**

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070181675	A1	20070809	US 199882299	P	19980417	200760	B
			US 199876051	A	19980511		
			US 1999120506	P	19990217		
			US 1999133579	P	19990511		
			US 2000180490	P	20000205		
			US 2000505594	A	20000216		
			US 2000237812	P	20001004		
			US 2000250269	P	20001130		
			US 2001776503	A	20010202		
			US 2001826675	A	20010405		
			US 2001966932	A	20010927		
			US 2004795926	A	20040308		
			US 2004892257	A	20040714		
			US 2006415531	A	20060502		
			US 2006639660	A	20061215		
US 7445146	B2	20081104	US 2006639660	A	20061215	200875	E

Priority Applications (no., kind, date): US 199882299 P 19980417; US 199876051 A 19980511; US 1999120506 P 19990217; US 1999133579 P 19990511; US 2000180490 P 20000205; US 2000505594 A 20000216; US 2000237812 P 20001004; US 2000250269 P 20001130; US 2001776503 A 20010202; US 2001826675 A 20010405; US 2001966932 A 20010927; US 2004795926 A 20040308; US 2004892257 A 20040714; US 2006415531 A 20060502; US 2006639660 A 20061215

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070181675	A1	EN	21	10	Related to Provisional	US 199882299
					Division of application	US 199876051
					Related to Provisional	US 1999120506
					Related to Provisional	US 1999133579
					Related to Provisional	US 2000180490
					C-I-P of application	US 2000505594
					Related to Provisional	US 2000237812
					Related to Provisional	US 2000250269
					C-I-P of application	US 2001776503
					C-I-P of application	US 2001826675

					Division of application	US 2001966932
					C-I-P of application	US 2004795926
					C-I-P of application	US 2004892257
					C-I-P of application	US 2006415531
					Division of patent	US 6315195
					C-I-P of patent	US 6702181
					Division of patent	US 6796490
					C-I-P of patent	US 7040533
					C-I-P of patent	US 7150393
					C-I-P of patent	US 7201313

Inventor: **DRUMMOND J P**... ...**SMITH M D Alerting Abstract** ...DESCRIPTION OF DRAWINGS - The drawing shows a schematic view representative of a wireless automated teller **machine** (**ATM**) system... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0040/00** ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Smith, Mark D**... ...**Drummond, Jay Paul**... ...**Smith, Mark D**

5/3,K/11 (Item 11 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0016844459 & & *Drawing available*
WPI Acc no: 2007-559521/200754
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G505 /3,K/26 (Item 26 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014965911 & & *Drawing available*
WPI Acc no: 2005-313708/200532
5/3,K/27 (Item 27 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014907679 & & *Drawing available*

WPI Acc no: 2005-255331/200527
XRPX Acc No: N2005-210093
User assistance method in targeted messaging system, involves providing offer to summon human agent knowledgeable about products associated with message to user, and summoning agent to speak with user in response to offer
Patent Assignee: NCR CORP (NATC); NCR INT INC (NATC)
Inventor: BLACK J S; COUTTS M; FORREST S J; **SMITH M R**

Patent Family (2 patents, 2 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2405963	A	20050316	GB 200321525	A	20030913	200527	B
US 20050060218	A1	20050317	US 2004929256	A	20040830	200527	E

Priority Applications (no., kind, date): GB 200321525 A 20030913

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
GB 2405963	A	EN	34	7	

...Inventor: **SMITH M R Alerting Abstract** ...NOVELTY - An automatic teller **machine** (**ATM**) is provided with an appropriate message by a web server for presenting to a user... ... to other users of terminal such as self-service terminals (SSTs) e.g. automatic teller **machine** (**ATM**), information kiosk, web-enabled personal computer (**PC**), **interactive** television using customer relationship management (CRM) system, in targeted messaging system... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0030/00**... **G06Q-0030/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**SMITH M R**... ...**Smith, Martin R**

; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-256395
Automated banking machine e.g. automated teller machine for wide area network e.g. Internet, has device server with monitor software application monitoring and selectively limiting use and operation of devices in banking machine
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CICHON B A**; COVERT M S; **DRUMMOND J P**; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050080742	A1	20050414	US 199631956	P	19961127	200532	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
			US 2004957287	A	20040930		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 2003738756 A

20031217; US 2004957287 A 20040930

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050080742	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
					Division of application	US 2003738756

Inventor: **BLACKSON D**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D Alerting Abstract** ...is sent via intranet (16) to a device interfacing software portion of an automated teller **machine** (**ATM**). The device server has a monitor software application that monitors and selectively limits the use ... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Smith, Mark D**

mputer software that is operative to cause markup language document to be sent to machine, where document includes instruction
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070136196	A1	20070614	US 199631956	P	19961127	200754	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
			US 2001949283	A	20010907		
			US 2006601556	A	20061117		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193637 A 19981117; US 2001949283 A 20010907; US 2006601556 A 20061117

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070136196	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193637
					Division of application	US 2001949283

					Division of patent	US 6289320
					Division of patent	US 7162449

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W**
Alerting Abstract ...NOVELTY - The machine has an automated banking **machine** (**ATM**) computer for executing computer software, and includes a sheet dispenser mechanism (42). The computer software... ... a computer software is executab5/3,K/31 (Item 31 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014083565 & *Drawing available*
WPI Acc no: 2004-266987/200425
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-085/3,K/32 (Item 32 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0013764221 & *Drawing available*
WPI Acc no: 2003-863236/200380
XRPX Acc No: N2003-689004
Automated banking m5/3,K/33 (Item 33 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0013592454 & *Draw ing available*
WPI Acc no: 2003-687319/200365
Related WPI Acc No: 2004-551784; 2004-579744; 2004-579745; 2004-667494; 2004-667495; 2004-667496; 2004-746787; 2005-283713; 2007-008033; 2007-032332; 2007-148350; 2007-521668; 2007-649499; 2007-715949; 2008-C17778; 2008-C74581; 2008-H26996
XRPX Acc No: N2003-548992
Image data storage method for automated teller machine, involves capturing image in response to sensed triggering event and storing data which represent event and corresponding image
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: CRANE D A; DIVITA C; **DRUMMOND J P**; ENRIGHT J M; GOLDRING E F; HATHAWAY R; KEHNER T; KNOUFF C; KORTIS J; MARTIN K F; MOTT M; NOVITSKEY R ; RUSSELL M; STEPHENSON B; THOMAS J; VARN K; WILLIAMS D

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6583813	B1	20030624	US 1998103731	P	19981009	200365	B
			US 1999414249	A	19991007		

Priority Applications (no., kind, date): US 1998103731 P 19981009; US 1999414249 A 19991007

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6583813	B1	EN	112	85	Related to Provisional	US 1998103731

...Inventor: **DRUMMOND J P Alerting Abstract** ...storing image data in transaction record system used in automated banking machine like automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0020/00**... **G06Q-0020/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Drummond, Jay Paul**

OWSER R; FORCE M; JUNKINS A; RYAN M; SHIRAH R; **SMITH M D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6648220	B1	20031118	US 2000248382	P	20001114	200380	B
			US 2001993451	A	20011113		

Priority Applications (no., kind, date): US 2000248382 P 20001114; US 2001993451 A 20011113

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6648220	B1	EN	25	13	Related to Provisional	US 2000248382

...Inventor: **SMITH M D Alerting Abstract** ...NOVELTY - The automated banking machine e.g. automated teller **machine** (**ATM**) has a controller and a cash dispenser within a lockable housing. The controller communicates with... USE - Automated banking machines e.g. automated teller **machine** (**ATM**) used in electronic financial transactions such as credit/debit transactions including cash withdrawals, deposits, account... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0030/00**... **G06Q-0030/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Mark D** ...**Original Abstracts:**and configurations. The machine includes a bill dispenser (**42**), a receipt printer (**66**) and other **transaction function** devices. The machine further includes a user interface (**16**) including **input and** output devices which customers may use to carry out transactions. The machine is configured to...

05; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2004-210993
Internet based automated banking machine configuration method involves dispensing cash upon receiving authorization signal from host system in response to encrypted personal identification number sent from banking machine
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: DOLAND A; **SMITH M D**; ZAJKOWSKI T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6705517	B1	20040316	US 199631956	P	19961127	200425	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		

			US 2001285724	P	20010423		
			US 2002126140	A	20020419		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 2001285724 P 20010423; US 2002126140 A 20020419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6705517	B1	EN	29	15	Related to Provisional	US 199631956
					Continuation of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193787
					Related to Provisional	US 2001285724

...Inventor: **SMITH M D Alerting Abstract** USE - For configuring automated banking machine e.g. automated teller **machine** (**ATM**) and other **machines** which print or dispense items of value such as coupon, ticket, wagering slip, voucher, check... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Mark D**

b A... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James Claims:**We claim:**1**. A system including:an automated teller **machine** (**ATM**) including a sheet dispenser,wherein the ATM includes at least one ATM computer,wherein the...

5/3,K/12 (Item 12 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

5/3,K/36 (Item 36 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0013040520 & & *Drawing available*
WPI Acc no: 2003-119684/200311
Related WPI Acc No: 2003-102262; 2003-119686; 2008-A15373
XRPX Acc No: N2003-095337
Electronic document storing and signing apparatus causes electronic document to be digitally signed with private key in response to suitable input through input device
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: PARMELEE C L; **SMITH M D**

Patent Family (7 patents, 36 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020128969	A1	20020912	US 2001273996	P	20010307	200311	B
			US 2001319015	P	20011129		
			US 2002683942	A	20020305		

WO 2002073341	A2	20020919	WO 2002US6826	A	20020306	200311	E
EP 1366408	A2	20031203	EP 2002717555	A	20020306	200380	E
			WO 2002US6826	A	20020306		
BR 200207789	A	20040309	BR 20027789	A	20020306	200420	E
			WO 2002US6826	A	20020306		
MX 2003008055	A1	20040101	MX 20038055	A	20030905	200471	E
			WO 2002US6826	A	20020306		
RU 2258256	C2	20050810	RU 2003129649	A	20020306	200555	E
			WO 2002US6826	A	20020306		
US 7451116	B2	20081111	US 2002683942	A	20020305	200903	E

Priority Applications (no., kind, date): US 2001273996 P 20010307; US 2001319015 P 20011129; US 2002683942 A 20020305

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020128969	A1	EN	38	19	Related to Provisional	US 2001273996
					Related to Provisional	US 2001319015
WO 2002073341	A2	EN				
National Designated States,Original	BR CA CN CO IN MX PL RU ZA					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
EP 1366408	A2	EN			PCT Application	WO 2002US6826
					Based on OPI patent	WO 2002073341
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
BR 200207789	A	PT			PCT Application	WO 2002US6826
					Based on OPI patent	WO 2002073341
MX 2003008055	A1	ES			PCT Application	WO 2002US6826
					Based on OPI patent	WO 2002073341
RU 2258256	C2	RU			PCT Application	WO 2002US6826
					Based on OPI patent	WO 2002073341

...Inventor: **SMITH M D Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0099/00** ...**G06Q-0099/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**SMITH M D**... ...**SMITH, Mark D**... ...**SMITH M D**... ...**Smith, Mark D**... ...**Smith, Mark D**... ...**SMITH, Mark D** ...**Claims:**What is claimed is: 1. An apparatus comprising: an automated teller **machine** (**ATM**), wherein the ATM includes: at least one computer processor in the ATM; at least one...

23; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466

XRPX Acc No: N2007-160665

Terminal master key installing method for automated banking machine e.g. ATM, involves receiving encrypted terminal master key from host system, validating with host system's public key and decrypting with ATM's private key

Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: DOLAND A; **SMITH M D**; ZAJKOWSKI T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7159114	B1	20070102	US 2001285724	P	20010423	200722	B
			US 2002126728	A	20020419		

Priority Applications (no., kind, date): US 2001285724 P 20010423; US 2002126728 A 20020419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7159114	B1	EN	32	15	Related to Provisional	US 2001285724

Terminal master key installing method for automated banking machine e.g. ATM, involves receiving encrypted terminal master key from host system, validating with host system's public... ...Inventor: **SMITH M D Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0099/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Mark D**

5/3,K/13 (Item 13 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0016454751 & & *Drawing available*
WPI Acc no: 2007-170979/200717
5/3,K/40 (Item 40 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0011145418 & & *Drawing available*
WPI Acc no: 2002-082318/200211
Related WPI Acc No: 1998-322937; 2000-015485/3,K/41 (Item 41 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0011000386 & & *Drawing available*
WPI Acc no: 2001-625543/200172
Related WPI Acc No: 2000-013297; 2001-006547; 2004-687760; 2005-784044; 2006-133549; 2006-290253; 2006-679465; 2007-170979; 2007-307207; 2007-637616; 2007-785425; 2007-785426; 2007-858127; 2008-A57142; 2008-D49291; 2008-D51260; 2008-K24460
XRPX Acc No: N2001-466278
5/3,K/42 (Item 42 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0010833529 & *Drawing available*
WPI Acc no: 2001-451150/200148
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2001-334047
Customer authentication method for Internet based commercial transactions, involves retrieving identity data from card, based on which visual indication is output
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: BLAKESLEE T; BODAPATLA R R; **CHURCH J R**; **CICHON B A**; DONGARA A ; **DRUMMOND J P**; **GILGER M R**; MOALES M A; MYANA J; **SMITH M D**; **WEIS D**; RODAPATLA R R

Patent Family (17 patents, 29 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001006338	A2	20010125	WO 2000US19699	A	20000719	200148	B
BR 200012606	A	20020409	BR 200012606	A	20000719	200232	E
			WO 2000US19699	A	20000719		
EP 1204908	A2	20020515	EP 2000948793	A	20000719	200239	E
			WO 2000US19699	A	20000719		
ZA 200110086	A	20021127	ZA 200110086	A	20011207	200305	E
CN 1399751	A	20030226	CN 2000812864	A	20000719	200337	E
MX 2002000701	A1	20030701	MX 2002701	A	20020118	200366	E
			WO 2000US19699	A	20000719		
CA 2478548	A1	20010125	CA 2377594	A	20000719	200474	E
			CA 2478548	A	20000719		
CA 2478552	A1	20010125	CA 2377594	A	20000719	200474	E
			CA 2478552	A	20000719		
CA 2478557	A1	20010125	CA 2377594	A	20000719	200474	E
			CA 2478557	A	20000719		
US 20050038747	A1	20050217	US 199631956	P	19961127	200514	E
			WO 1997US21422	A	19971125		
			US 1998193787	A	19981117		
			US 2000638847	A	20000814		
			US 2004936242	A	20040907		
RU 2255371	C2	20050627	RU 2002104360	A	20000719	200543	E
			WO 2000US19699	A	20000719		
IN 200101641	P3	20060106	IN 2001MN1641	A	20011224	200615	E
			WO 2000US19699	A	20000719		
IN 200500387	P3	20060519	IN 2001MN1641	A	20011224	200643	E
			IN 2005MN387	A	20050506		
			WO 2000US19699	A	20000719		

MX 237093	B	20060523	MX 2002701	A	20020118	200670	E
			WO 2000US19699	A	20000719		
CA 2478557	C	20070417	CA 2377594	A	20000719	200729	E
			CA 2478557	A	20000719		
CA 2377594	C	20070710	CA 2377594	A	20000719	200747	E
			WO 2000US19699	A	20000719		
CN 1324506	C	20070704	CN 2000812864	A	20000719	200803	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 1998193787 A 19981117; US 1999144761 P 19990720; US 1999149765 P 19990819; US 2000638847 A 20000814; US 2004936242 A 20040907

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001006338	A2	EN	190	59		
National Designated States,Original	BR CA CN IN JP MX PL RU US ZA					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
BR 200012606	A	PT			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
EP 1204908	A2	EN			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
ZA 200110086	A	EN	213			
MX 2002000701	A1	ES			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
CA 2478548	A1	EN			Division of application	CA 2377594
CA 2478552	A1	EN			Division of application	CA 2377594
CA 2478557	A1	EN			Division of application	CA 2377594
US 20050038747	A1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 1998193787
					Division of application	US 2000638847
RU 2255371	C2	RU			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
IN 200101641	P3	EN			PCT Application	WO 2000US19699
IN 200500387	P3	EN			Division of application	IN 2001MN1641
					PCT Application	WO 2000US19699
MX 237093	B	ES			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
CA 2478557	C	EN			Division of application	CA 2377594
CA 2377594	C	EN			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338

5/3,K/46 (Item 46 from file: 350) **Links**

Fulltext available through: Order File History

Derwent WPIX

0010254452 & *Drawing available*
WPI Acc no: 2000-566701/200053
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-418610
Automated banking apparatus that can be used in wide area network such as Internet has transaction function device that carries out the transaction function responsive to browser processing HTML document
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M**; **SMITH M D**; **WEIS D W**; WEISS D W

Patent Family (2 patents, 26 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1030275	A2	20000823	EP 1999303396	A	19990430	200053	B
BR 199901646	A	20000912	BR 19991646	A	19990527	200051	E

Priority Applications (no., kind, date): US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193564 A 19981117

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 1030275	A2	EN	76	31	
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
BR 199901646	A	PT			

Automated banking apparatus that can be used in wide area network such as Internet has transaction function device that carries out the transaction function responsive to browser processing HTML document Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M**... ...**SMITH M D**... ...**WEIS D W Alerting Abstract** ...NOVELTY - A browser processes HTML documents that include instructions in it. A **transaction function** device carries out the **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device. **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00** ...**G06Q-0020/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**...

...**Cichon, Bob A**... ...**Smith, Mark**... ...**Weis, David W**... ...**Church James**

06Q-0020/00... ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**CHURCH J R**... ...**CICHON B A**... ...**SMITH M D**... ...**GILGER M R**... ...**WEIS D** ...**Claims:**a cash dispenser in operative connection with the at least one processor;a plurality of **transaction function** devices in operative connection with the at least one processor;at least one data store... ... to at least one sequence for use of at least two of the plurality of **transaction function** devices, wherein each of the at least two **transaction function** devices is capable of carrying out a first **transaction function**;wherein the at least one processor is operative to select a first **transaction function** device from among the at least two **transaction function** devices responsive to data corresponding to a first rule stored in the at least one data store, wherein the at least one processor is operative to cause the selected first **transaction function** device to perform the first **transaction function.>**

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001057617	A2	EN	42	3		
National Designated States,Original	BR CA CN IN MX PL RU ZA					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
US 20010044747	A1	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
US 20020013771	A1	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
US 6457640	B2	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
BR 200107981	A	PT			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
MX 2002006941	A1	ES			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
ZA 200205178	A	EN	54			
EP 1410270	A2	EN			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
Regional Designated States,Original	DE ES FR GB IT					
RU 2236037	C2	RU			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
US 20060080253	A1	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
					Division of application	US 2001776503
CA 2397452	C	EN			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
MX 236066	B	ES			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617

Inventor: **BLACKSON D**... ...**CHURCH J R**... ...**SMITH M**... ...**SMITH M D Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0040/00**... ...**G06Q-0040/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0040/00**... ...**G06Q-0040/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**BLACKSON D**... ...**CHURCH J R**... ...**SMITH M D**... ...**BLACKSON D**... ...**CHURCH J R**... ...**SMITH M D**... ...**BLACKSON, Dale**... ...**CHURCH, James, R**... ...**SMITH, Mark, D**... ...**SMITH M D**... ...**BLACKSON D**... ...**CHURCH J R**... ...**SMITH M D**... ...**BLACKSON D**... ...**CHURCH J R**... ...**Blackson, Dale**... ...**Church, James R**... ...**Smith, Mark**... ...**Blackson, Dale**... ...**Church, James R**... ...**Smith, Mark**... ...**Blackson, Dale**... ...**CHURCH, James, R**... ...**SMITH, Mark, D**... ...**BLACKSON D**... ...**CHURCH J R**... ...**SMITH M D Original Abstracts:**An automated teller **machine** (**ATM**) (10) includes an input device (16) a card reader (20), a cash dispenser (24), and... ... An automated teller **machine** (**ATM**) (**10**) includes an input device (**16**) a card reader (**20**), a cash dispenser (**24**), and... ... An automated teller **machine** (**ATM**) (**10**) includes an input device (**16**) a card reader (**20**), a cash dispenser (**24**), and... ... An automated teller **machine** (**ATM**) (**10**) includes an input device (**16**) a card reader (**20**), a cash dispenser (**24**), and div xhtml:class="paragraph">An automated teller **machine** (**ATM**) (**10**) includes an input device (**16**) a card reader (**20**), a cash dispenser (**24**), and... ... An automated teller **machine** (**ATM**) (10) includes an input device (16) a card reader (20), a cash dispenser (24), and an output device (18). The...

3; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2002-061349
Automated transaction machine e.g. cash dispenser for bank, controls transaction effected through different interfaces based on terminal application and activation of respective interface components
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: BLOCK J; CWIKLA J; **DRUMMOND J P**; REED B; SHEPLEY S; **SMITH M D** ; USNER R; CUIKLA J

Patent Family (12 patents, 30 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010037301	A1	20011101	US 199631956	P	19961127	200211	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
			US 2000207043	P	20000525		
			US 2001863911	A	20010523		
WO 2001090850	A2	20011129	WO 2001US16775	A	20010523	200211	E
EP 1301845	A2	20030416	EP 2001941581	A	20010523	200328	E
			WO 2001US16775	A	20010523		
BR 200111112	A	20030415	BR 200111112	A	20010523	200334	E
			WO 2001US16775	A	20010523		
ZA 200208343	A	20030730	ZA 20028343	A	20021016	200355	E
CN 1430761	A	20030716	CN 2001810062	A	20010523	200363	E
MX 2002010682	A1	20030201	MX 200210682	A	20021029	200413	E
			WO 2001US16775	A	20010523		

RU 2251730	C2	20050510	RU 2002134905	A	20010523	200532	E
			WO 2001US16775	A	20010523		
MX 224980	B	20041215	MX 200210682	A	20021029	200561	E
			WO 2001US16775	A	20010523		
CN 1204518	C	20050601	CN 2001810062	A	20010523	200643	E
IN 200500914	P3	20070706	IN 2002MN1488	A	20020124	200769	E
			IN 2005MN914	A	20050818		
			WO 2001US16775	A	20010523		
US 7341177	B2	20080311	US 199631956	P	19961127	200820	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
			US 2000207043	P	20000525		
			US 2001863911	A	20010523		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193637 A 19981117; US 2000207043 P 20000525; US 2001863911 A 20010523

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20010037301	A1	EN	14	4	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193637
					Related to Provisional	US 2000207043
					C-I-P of patent	US 6289320
WO 2001090850	A2	EN				
National Designated States,Original	BR CA CN CO IN MX PL RU ZA					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
EP 1301845	A2	EN			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
BR 200111112	A	PT			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850
ZA 200208343	A	EN	43			
MX 2002010682	A1	ES			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850
RU 2251730	C2	RU			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850
MX 224980	B	ES			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850

IN 200500914	P3	EN			Division of application	IN 2002MN1488
					PCT Application	WO 2001US16775
US 7341177	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193637
					Related to Provisional	US 2000207043

...Inventor: **DRUMMOND J P... ...SMITH M D Alerting Abstract** ...NOVELTY - A **device driver** interface includes a driver which is operated in response to extension for financial services (XFS... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00... ...G06Q-0030/00... ...G06Q-0040/00 ...G06Q-0020/00... ...G06Q-0030/00... ...G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**DRUMMOND J P... ...SMITH M D... ...DRUMMOND, Jay, Paul... ...SMITH, Mark, D... ...SMITH M D... ...DRUMMOND J P... ...SMITH M D... ...DRUMMOND J P... ...Drummond, Jay Paul... ...Smith, Mark D... ...Drummond, Jay Paul... ...Smith, Mark D... ...DRUMMOND, Jay, Paul... ...SMITH, Mark, D... ...DRUMMOND J P... ...SMITH M D ...Original Abstracts:**software and hardware platform architecture. The machine includes a computer (22) and a plurality of **transaction function** devices (32) in operative connection with the computer. The machine further includes a plurality of **device driver** components (38) that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS layer (28) to control the operation of the **transaction function** devices. The machine further includes a terminal application (22) and an ODS layer (26). The ODS layer includes a plurality of ODS components (36) that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer... ... software and hardware platform architecture. The machine includes a computer (**22**) and a plurality of **transaction function** devices (**32**) in operative connection with the computer. The machine further includes a plurality of **device driver** components (**38**) that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS layer (**28**) to control the operation of the **transaction function** devices. The machine further includes a terminal application (**22**) and an ODS layer (**26**). The ODS layer includes a plurality of ODS components (**36**) that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer... ... software and hardware platform architecture. The machine includes a computer (**22**) and a plurality of **transaction function** devices (**32**) in operative connection with the computer. The machine further includes a plurality of **device driver** components (**38**) that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS layer (**28**) to control the operation of the **transaction function** devices. The machine further includes a terminal application (**22**) and an ODS layer (**26**). The ODS layer includes a plurality of ODS components (**36**) that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer... ...

software and hardware platform architecture. The machine includes a computer (22) and a plurality of **transaction function** devices (32) in operative connection with the computer. The machine further includes a plurality of **device driver** components (38) that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS layer (28) to control the operation of the **transaction function** devices. The machine further includes a terminal application (22) and an ODS layer (26). The ODS layer includes a plurality of ODS components (36) that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer... **Claims**:We claim:**1**. An automated transaction machine comprising:at least one computer;at least one **transaction function** device, in operative connection with the computer;an XFS layer operative in the computer;a **device driver** layer operative in the computer, wherein the **device driver** layer is operative responsive to the XFS layer to control the operation of the **transaction function** device, wherein the **device driver** layer includes at least one **device driver** component that corresponds to the **transaction function** device;an Open Device Services (ODS) layer operative in the computer, wherein the XFS layer is operative responsive to the ODS layer to communicate with the **device driver** layer, wherein the ODS layer includes at least one ODS component that corresponds to the **device driver** component; anda terminal application operative in the computer, wherein the ODS component is operative responsive to the terminal application to control the operation of the **transaction function** device through communication with the XFS layer... ... We claim:1. An automated transaction machine comprising: at least one computer;at least one **transaction function** device; of a first type, wherein the at least one **transaction function** device is capable of operation to carry out at least one first **transaction function**, wherein the at least one **transaction function** device is in operative connection with the at least one computer;an extensions for financial services (XFS) software layer operative in the at least one computer;a **device driver** software layer operative in the at least one computer, wherein the **device driver** layer is operative responsive to the XFS layer to control operation of the at least one **transaction function** device, wherein the **device driver** layer includes at least one of a plurality of differently programmed **device driver** software components, wherein each respective **device driver** component is operative to control a corresponding **transaction function** device of the first type, wherein a plurality of mechanically different devices of the first... ... of being operated in automated transaction machines to carry out the at least one first **transaction function**, wherein at least one first **device driver** component included in the **device driver** layer of the machine is operative to control the at least one **transaction function** device of the machine;an Open Device Services (ODS) software layer, wherein at least a... ... wherein the XFS layer is operative responsive to the ODS layer to communicate with the **device driver** layer, and wherein the ODS layer includes a plurality of differently programmed ODS software components... ... ODS component is operative in conjunction with a respective corresponding one of the plurality of **device driver** components, wherein the at least a portion of the ODS layer installed in operative connection... ... one first ODS component adapted to operate in conjunction with the at least one first **device driver** component; anda terminal software application operative in the at least one computer, wherein the... ... at least one communication from the terminal application to cause the at least one first **device driver** component to cause the at least one **transaction function** device of the machine to carry out the at least one first **transaction function** responsive to communication through the XFS layer, wherein a plurality of ODS components included in... ... at least one communication through the XFS layer is capable of causing a respective corresponding **device driver** component to cause a respective one of a plurality of mechanically different **transaction function** devices to carry

out a common at least one **transaction function.>**

Automated teller machine apparatus for banking transaction, has wireless access hub enabling banking machine to communicate with wireless devices, where computer enables devices to initiate transactions with machine at same time
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **DRUMMOND J P; SMITH M D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7150393	B1	20061219	US 2000237812	P	20001004	200717	B
			US 2001966932	A	20010927		
			US 2004892257	A	20040714		

Priority Applications (no., kind, date): US 2000237812 P 20001004; US 2001966932 A 20010927; US 2004892257 A 20040714

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7150393	B1	EN	13	7	Related to Provisional	US 2000237812
					Division of application	US 2001966932
					Division of patent	US 6796490

Inventor: **DRUMMOND J P... ...SMITH M D Alerting Abstract ...**NOVELTY - The apparatus has **transaction function** devices (102) in a banking machine and in operative connection with a computer, where one **transaction function** device comprises a cash dispenser. A wireless access hub (84) enables the machine to communicate... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0020/00...** ...**G06Q-0040/00 G06Q-0020/00...** ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul...** ...**Smith, Mark D Claims:**We claim:1. Apparatus comprising:an automated banking machine including a computer;a plurality of **transaction function** devices in the banking machine and in operative connection with the computer, wherein at least one **transaction function** device comprises a cash dispenser; anda wireless access hub in operative connection with the...

5/3,K/14 (Item 14 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0016192022 & & *Drawing available*
WPI Acc no: 2006-723663/200675
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2007-216832; 2007-559521; 2007-

634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-568506
Automated teller machine (ATM) configuration method involves sending encrypted message containing terminal master key from host system to ATM and validating digital signature indicating acceptance of terminal master key by ATM
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: DOLAND A; **SMITH M D**; ZAJKOWSKI T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7110986	B1	20060919	US 2001285724	P	20010423	200675	B
			US 2002126729	A	20020419		

Priority Applications (no., kind, date): US 2001285724 P 20010423; US 2002126729 A 20020419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7110986	B1	EN	34	15	Related to Provisional	US 2001285724

Automated teller machine (ATM) configuration method involves sending encrypted message containing terminal master key from host system to ATM... ...Inventor: **SMITH M D Alerting Abstract** ...NOVELTY - The certificate of an automated teller **machine** (**ATM**) signed by a certificate authority (CA) is validated using the public key of the CA... ...USE - For configuring automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0090/00**... **G06Q-0090/00**... Original Publication Data by AuthorityArgentina**Publication No**. ...Inventor name & address:**Smith, Mark D**

5/3,K/15 (Item 15 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015979490 & & *Drawing available*
WPI Acc no: 2006-511158/200652
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-409372
Article comprising program for providing interface in automated banking machine, stores instructions for operating computer to enable device outside automated teller machine to access hypertext markup language document
Patent Assignee: DIEBOLD INC (DIEB-N)

Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CHURCH J**; **CICHON B A**; COVERT M S; **DRUMMOND J P**; EL-KAISSI O; GRISWOLD G K; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C; USNER R E; BRADRICK L Q; GRISWALD G K

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060143120	A1	20060629	US 199631956	P	19961127	200652	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193647	A	19981117		
			US 2006356818	A	20060217		
US 7251626	B2	20070731	US 2006356818	A	20060217	200752	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193647 A 19981117; US 2006356818 A 20060217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20060143120	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193647
					Division of patent	US 7003492

Original Titles:Apparatus and method for indicating the status of **transaction function** devices in an automated banking machine... ...Apparatus and method for indicating the status of **transaction function** devices in an automated banking machine Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D Alerting Abstract** ...NOVELTY - A hypertext markup language (HTML) document comprising indicia corresponding to status of **transaction function** device of the automated teller **machine** (**ATM**) is produced through operation of a computer in the transaction machine. The computer is operated... USE - For providing user interface in automated banking machine such as automated teller **machine** (**ATM**) in wide area network such as internet... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... ...**G06Q-0099/00 G06Q-0040/00**... ...**G06Q-0099/00** Original Publication Data by AuthorityArgentina**Publication No**. Inventor name & address:**Blackson, Dale**... ...**Smith, Mark D**... ...**Cichon, Bob A**... ...**Church, James**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Smith, Mark D**... ...**Cichon, Bob A**... ...**Church, James**... ...**Drummond, Jay Paul Original Abstracts**:An automated banking machine includes a plurality of **transaction function** devices, including a cash dispenser. The machine can generate an HTTP record including indicia representative of an operational status of at least one **transaction function** device. The machine includes a server. The HTTP record can be accessed through the server... ... external of the machine. The indicia can be generated responsive to a malfunction

of a **transaction function** device. The indicia can be representative of the malfunction... ... An automated banking machine includes a plurality of **transaction function** devices, including a cash dispenser. The machine can generate an HTTP record including indicia representative of an operational status of at least one **transaction function** device. The machine includes a server. The HTTP record can be accessed through the server... ... external of the machine. The indicia can be generated responsive to a malfunction of a **transaction function** device. The indicia can be representative of the malfunction. ...**Claims**:at least one markup language document including indicia corresponding to status of at least one **transaction function** device of the automated transaction machine; and(b) operating the at least one computer of... ... indicia corresponding to status representative of a fault which has occurred in at least one **transaction function** device of the automated transaction machine; and(b) operating the at least one computer of...

5/3,K/16 (Item 16 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015959703 & & *Drawing available*
WPI Acc no: 2006-491370/200650
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-396513
Banking transaction performing article, has instructions for operating transaction machine responsive to accessed mark up language document, where each transaction function device in machine carries out respective function
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D; CHURCH J; CICHON B A; DRUMMOND J P;** ESS J C; MOALES M A; **SMITH M D; WEIS D W**

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060136336	A1	20060622	US 199631956	P	19961127	200650	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193565	A	19981117		
			US 2005270392	A	20051108		
US 7333954	B2	20080219	US 199631956	P	19961127	200822	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		

			US 1998193565	A	19981117		
			US 2005270392	A	20051108		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193565 A 19981117; US 2005270392 A 20051108

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20060136336	A1	EN	56	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193565
US 7333954	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193565
					Division of patent	US 7062464

...**has instructions for operating transaction machine responsive to accessed mark up language document, where each transaction function device in machine carries out respective function** Inventor: **BLACKSON D... ...CHURCH J... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D W Alerting Abstract** ...The article has instructions to access a mark up language document corresponding to availability of **transaction function** devices of an automated transaction machine (12) in response to operation of a browser of the machine. Each respective available **transaction function** device carries out a respective different type of **transaction function.** The machine is operated responsive to the accessed document. ...transaction options of user`s home institution at machines operated by foreign institutions. The available **transaction function** devices are selectively operative to carry out respective different types of **transaction functions** at a rapid pace, thus providing users with a wider variety of printed documents and... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00...** ...**G06Q-0099/00 G06Q-0040/00...** ...**G06Q-0099/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Weis, David W... ...Smith, Mark D... ...Church, James... ...Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Weis, David W... ...Smith, Mark D... ...Church, James Original Abstracts:**An automated banking machine includes at least one browser and **transaction function** devices, including a currency dispenser device. The machine can be operated in a modified mode... ... to communicate with one or more servers. Data indicative of the availability of the certain **transaction functional** devices can be communicated to a server. One or more mark up language documents containing data and/or instructions that correspond to the operational availability to the machine of the **transaction functional** devices can be accessed. The machine can then

be operated responsive to the data and... ... example, the machine may change its display output to a customer to reflect its current **transaction functional** device status. Customer transaction options can be readily changed via machine/server communication on a... ... An automated banking machine includes at least one browser and **transaction function** devices, including a currency dispenser device. The machine can be operated in a modified mode... ... to communicate with one or more servers. Data indicative of the availability of the certain **transaction functional** devices can be communicated to a server. One or more mark up language documents containing data and/or instructions that correspond to the operational availability to the machine of the **transaction functional** devices can be accessed. The machine can then be operated responsive to the data and... ... example, the machine may change its display output to a customer to reflect its current **transaction functional** device status. Customer transaction options can be readily changed via machine/server communication on a... ...**Claims**:executable instructions operative to cause at least one computer in an automated transaction machine including **transaction function** devices to carry out a method comprising:(a) accessing responsive to operation of at least... ... transaction machine, at least one mark up language document which corresponds to the availability of **transaction function** devices of the machine, wherein the machine includes at least one available **transaction function** device, wherein each respective available **transaction function** device is selectively operative to carry out a respective different type of **transaction function**; and(b) operating the automated transaction machine responsive to the at least one mark up... ... executable instructions operative to cause at least one computer in an automated transaction machine including **transaction function** devices, to carry out a method comprising: (a) accessing responsive to operation of at least... ... the at least one mark up language document corresponds to availability of at least one **transaction function** device of the machine, wherein the machine includes different types of **transaction function** devices, wherein the machine includes at least one available **transaction function** device, wherein each respective available **transaction function** device is selectively operative to carry out a respective different type of **transaction function**, wherein at least a portion of the address is indicative of at least one of the types of **transaction function** devices of the machine; and(b) operating the automated transaction machine responsive to the at...

5/3,K/17 (Item 17 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015881426 & & *Drawing available*
WPI Acc no: 2006-413103/200642
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-342094
Operation method of automatic teller machine, involves displaying data read from customer card corresponding to entity

Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **CHURCH J R; CICHON B A; DRUMMOND J P; GILGER M R; SMITH M D; WEIS D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050119974	A1	20050602	US 199631956	P	19961127	200642	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 1999144761	P	19990720		
			US 2000578291	A	20000525		
			US 200533601	A	20050112		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 1999144761 P 19990720; US 2000578291 A 20000525; US 200533601 A 20050112

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050119974	A1	EN	63	35	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193787
					Related to Provisional	US 1999144761
					Division of application	US 2000578291

Inventor: **CHURCH J R... ...CICHON B A... ...DRUMMOND J P... ...GILGER M R... ...SMITH M D... ...WEIS D Alerting Abstract ...**involves reading a customer card corresponding to an entity, through a processor of automatic teller **machine** (**ATM**) (12). The read data is displayed on a display of ATM. ...USE - For operating automatic teller **machine** (**ATM**) connected to internet, intranet or wide area network (WAN... ...36 **transaction function** device... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **...G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Cichon, Bob A**... ...**Smith, Mark D**... ...**Weis, David**... ...**Church, James R**... ...**Gilger, Mikal R** ...**Original Abstracts:**The devices include a sheet dispenser mechanism (**42**) which dispenses currency as well as other **transaction function** devices. The device application portion communicates with a device interfacing software portion (**64**) in the...

5/3,K/18 (Item 18 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015881425 & & *Drawing available*

WPI Acc no: 2006-413102/200642
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-342093
Automated teller machine has device application portion that interfaces with HTML document handling portion and dispatches messages to operate sheet dispenser mechanism
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D; CHURCH J; CICHON B A; DRUMMOND J P;** ESS J C; MOALES M A; **SMITH M D; WEIS D W**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050119973	A1	20050602	US 199631956	P	19961127	200642	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193638	A	19981117		
			US 2002223693	A	20020819		
			US 20043821	A	20041203		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193638 A 19981117; US 2002223693 A 20020819; US 20043821 A 20041203

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050119973	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193638
					Division of application	US 2002223693
					Division of patent	US 6470326
					Division of patent	US 6839688

Inventor: **BLACKSON D... ...CHURCH J... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D W Alerting Abstract** USE - Automated teller **machine (ATM). Class Codes** International Patent Classification IPC Class Level Scope Position Status

Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**

5/3,K/19 (Item 19 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015728363 & & *Drawing available*
WPI Acc no: 2006-290253/200630
Related WPI Acc No: 2000-013297; 2001-006547; 2001-625543; 2004-687760; 2005-784044; 2006-133549; 2006-679465; 2007-170979; 2007-307207; 2007-637616; 2007-785425; 2007-785426; 2007-858127; 2008-A57142; 2008-D49291; 2008-D51260; 2008-K24460
XRPX Acc No: N2006-247211
Portable wireless device e.g. notebook computer has output device which outputs human perceivable message which is operative to prompt user to approach automated teller machine, in response to message received from automated teller machine
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **DRUMMOND J P; SMITH M D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7025256	B1	20060411	US 2000237812	P	20001004	200630	B
			US 2001966932	A	20010927		
			US 2004891757	A	20040715		

Priority Applications (no., kind, date): US 2000237812 P 20001004; US 2001966932 A 20010927; US 2004891757 A 20040715

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7025256	B1	EN	12	7	Related to Provisional	US 2000237812
					Division of application	US 2001966932
					Division of patent	US 6796490

Inventor: **DRUMMOND J P**... ...**SMITH M D Alerting Abstract** ...communication system, communicates one message representative of a request to perform transaction with automated teller **machine** (**ATM**), to **ATM** including a cash dispenser. An output device on the portable device, outputs a human perceivable... ...DESCRIPTION OF DRAWINGS - The figure shows the schematic view of the wireless automated teller **machine** (**ATM**) system... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0020/00**... **G06Q-0020/00**... Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Smith, Mark D**

5/3,K/20 (Item 20 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015543985 & & *Drawing available*
WPI Acc no: 2006-108138/200611
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-093873
Automated banking machine e.g. automatic teller machine, instructs display device to display response corresponding to instructions in at least one document processed by at least one of browsers operating on computer
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **CICHON B A; DRUMMOND J P; SMITH M D; WEIS D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060010063	A1	20060112	US 199631956	P	19961127	200611	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 1999144761	P	19990720		
			US 2000578312	A	20000525		
			US 2005226540	A	20050914		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 1999144761 P 19990720; US 2000578312 A 20000525; US 2005226540 A 20050914

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20060010063	A1	EN	63	35	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193787
					Related to Provisional	US 1999144761
					Division of application	US 2000578312

Inventor: **CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D Class Codes**
International Patent Classification IPC Class Level Scope Position Status Version

Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Cichon, Bob A**... ...**Smith, Mark D**... ...**Weis, David** ...**Original Abstracts:**instructions in mark up language documents accessed at an HTTP address to cause operation of **transaction function** devices, such as a currency dispenser (**42**) and a display device (**196**).

5/3,K/21 (Item 21 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015543984 & & *Drawing available*
WPI Acc no: 2006-108137/200611
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-093872
Article comprising recorded medium for automated teller machine, stores instructions for conducting transactions in response to mark up language documents accessed at HTTP address, and transfer control protocol/internet protocol messages
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **CICHON B A; DRUMMOND J P; SMITH M D; WEIS D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060010062	A1	20060112	US 199631956	P	19961127	200611	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 1999144761	P	19990720		
			US 2000578312	A	20000525		
			US 2005226104	A	20050914		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 1999144761 P 19990720; US 2000578312 A 20000525; US 2005226104 A 20050914

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20060010062	A1	EN	63	35	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337

					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193787
					Related to Provisional	US 1999144761
					Division of application	US 2000578312

Inventor: **CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D Alerting Abstract** USE - Article comprising recorded medium for operating automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00... G06Q-0040/00...** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Cichon, Bob A... ...Smith, Mark D... ...Weis, David ...Original Abstracts:**instructions in mark up language documents accessed at an HTTP address to cause operation of **transaction function** devices, such as a currency dispenser (**42**) and a display device (**196**). ...**Claims:**of an automated banking machine, the automated banking machine including a computer, at least one **transaction function** device in operative connection with the computer, and a plurality of browsers operating in the computer:(b) operating at least one **transaction function** device of the automated banking machine responsive to instructions in the at least one document...

5/3,K/22 (Item 22 from file: 350) **Links**
Fulltext available through: Order File History

0015306854 & & *Drawing available*
WPI Acc no: 2005-657036/200567
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-538292
Automated banking machine e.g. automatic teller machine has computer which operates with respect to generated function key input signal generated, to generate mouse input stream signal including data related to mouse input location
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D; CHURCH J; CICHON B A; DRUMMOND J P;** ESS J C; MOALES M A; **SMITH M D; WEIS D W; CICHON B**

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050203847	A1	20050915	US 199631956	P	19961127	200567	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		

			US 199898907	P	19980902		
			US 1998193624	A	19981117		
			US 2005123654	A	20050506		
US 7405724	B2	20080729	US 199631956	P	19961127	200852	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193624	A	19981117		
			US 2005123654	A	20050506		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193624 A 19981117; US 2005123654 A 20050506

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050203847	A1	EN	56	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193624
US 7405724	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193624
					Division of patent	US 6963333

Inventor: **BLACKSON D... ...CHURCH J... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D W... ...CICHON B Alerting Abstract** ...NOVELTY - The machine has computer, **transaction function** device, display screen and various functional key arranged adjacent to display screen. The computer operates... USE - E.g. automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**Claims:**An automated banking machine comprising:at least one computer in the machine;at least one **transaction function** device of the machine;a display screen in supporting connection with the machine; anda... ... An automated banking machine comprising: at least one computer in the machine;at least one **transaction function** device in the machine;a display screen in supporting connection with the machine; anda...

5/3,K/23 (Item 23 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014997299 & & *Drawing available*
WPI Acc no: 2005-345183/200535
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-282090
Automated teller machine operation method for use in banking transactions, involves determining that document address is operative, to transfer corresponding HTML record by performing record pre-check without full download of record
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D; CHURCH J; CICHON B A; DRUMMOND J P;** ESS J C; MOALES M A; **SMITH M D; WEIS D W**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050097047	A1	20050505	US 199631956	P	19961127	200535	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193638	A	19981117		
			US 2002223693	A	20020819		
			US 20043791	A	20041203		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193638 A 19981117; US 2002223693 A 20020819; US 20043791 A 20041203

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050097047	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193638
					Division of application	US 2002223693
					Division of patent	US 6470326
					Division of patent	US 6839688

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Alerting Abstract** ...is transferred to the computer system of home bank during transaction sequence with automated teller **machine** (**ATM**). USE - For operating automated teller **machine** (**ATM**) for banking transactions... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**

5/3,K/24 (Item 24 from file: 350) **Links**
Fulltext available through: Order File History

0014997270 & & *Drawing available*
WPI Acc no: 2005-345154/200535
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-282061
Transaction method of automated banking machine, involves sending messages having markup language documents including data indicating status of at least one device e.g. cash dispenser to remote computers
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CICHON B A**; COVERT M S; **DRUMMOND J P**; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050096994	A1	20050505	US 199631956	P	19961127	200535	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
			US 2004980209	A	20041102		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 2003738756 A 20031217; US 2004980209 A 20041102

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050096994	A1	EN	54	31	Related to Provisional	US 199631956

					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
					Division of application	US 2003738756

Inventor: **BLACKSON D... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D Alerting Abstract ...**USE - For automated banking machine e.g. automated teller **machine** (**ATM**) used in wide area network (WAN) such as internet, for use by financial institutions and... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Smith, Mark D**

5/3,K/25 (Item 25 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014996065 & & *Drawing available*
WPI Acc no: 2005-343949/200535
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-280952
Cash dispensing method of automated teller machine, involves acknowledging ATM with message that instructs ATM to dispense cash on operating dispenser, in response to received message indicating cash amount
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CICHON B A**; COVERT M S; **DRUMMOND J P**; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050086146	A1	20050421	US 199631956	P	19961127	200535	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
			US 2004980345	A	20041102		
US 6983256	B2	20060103	US 199631956	P	19961127	200605	E

			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
			US 2004980345	A	20041102		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 2003738756 A 20031217; US 2004980345 A 20041102

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050086146	A1	EN	54	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
					Division of application	US 2003738756
US 6983256	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
					Division of application	US 2003738756
					Division of patent	US 6873973

Cash dispensing method of automated teller machine, involves acknowledging ATM with message that instructs ATM to dispense cash on operating dispenser, in response to received... Inventor: **BLACKSON D... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D Alerting Abstract** ...indicating the cash amount is received as hypertext markup language document, from the automated teller **machine** (**ATM**) at the home bank computer system. The computer system acknowledges the ATM with the message... ...stamps, money orders, scrip or traveler checks, in automated banking machines such as automated teller **machine** (**ATM**) connected in a wide area network (WAN) such as internet... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **...G06Q-0020/00... ...G06Q-0030/00 ...G06Q-0020/00... ...G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Smith, Mark D... ...Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Smith, Mark D**

5/3,K/51 (Item 51 from file: 350) **Links**

Fulltext available through: Order File History

Derwent WPIX

0009740088 & & *Drawing available*
WPI Acc no: 2000-025966/200003
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466; 2001-289680
XRPX Acc No: N2000-019555
Automated banking machine that provides more transaction options and types of promotional and printed materials to users
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CHICHON B A; **CHURCH J**; **CICHON B A**; COVERT M S; **DRUMMOND J P**; ESS J C; MOALES M A; RICHARDS B G; **SMITH M D**; **WEIS D W**; BLACKSANG D; DLAMEND J P; SITJOR B A

Patent Family (7 patents, 28 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 964374	A2	19991215	EP 1999303409	A	19990430	200003	B
CN 1254897	A	20000531	CN 1999108971	A	19990701	200045	E
US 6973442	B1	20051206	US 199631956	P	19961127	200580	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193646	A	19981117		
US 20050289055	A1	20051229	US 199631956	P	19961127	200603	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193646	A	19981117		
			US 2005179457	A	20050711		
MX 199904936	A1	20050701	MX 19994936	A	19990527	200628	E
MX 238567	B	20060711	MX 19994936	A	19990527	200707	E
CN 100334576	C	20070829	CN 1999108971	A	19990701	200828	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 1998177337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193646 A 19981117; US 2005179457 A 20050711

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 964374	A2	EN	77	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 6973442	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
US 20050289055	A1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193646

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Drummond, Jay, Paul, 1965 Augusta Drive SE, Massilon, Ohio 44646, US** ... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon Bob A., 2112 Tennyson N.E.#6, Massillon Ohio 44646, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW, North Canton, Ohio 44720, US**... ...**Weis, David, W., 842 McKinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**Original Abstracts:**instructions in mark up language documents accessed at an HTTP address to cause operation of **transaction function** devices, such as a currency dispenser (**42**... ...**Claims:**operative connection with the machine, wherein the computer is operative to cause operation of a **transaction function** device of the machine responsive to at least one instruction accessed at at least one... ... the data in the transaction data object;(d) storing data corresponding to operation of a **transaction function** device in the transaction data object.

5/3,K/52 (Item 52 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730358 & *Drawing available*

WPI Acc no: 2000-015521/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-012235
Automated banking machine with HTML interface for communicating using HTML documents and TCP/IP messages
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CHICHON B A; **CHURCH J**; **CICHON B A**; COVERT M S; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**; WEISS D W; PAUL D J

Patent Family (9 patents, 29 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961251	A2	19991201	EP 1999303413	A	19990430	200002	B
BR 199901657	A	20000201	BR 19991657	A	19990527	200023	E
CN 1254140	A	20000524	CN 1999110171	A	19990629	200043	E
US 6598023	B1	20030722	US 199631956	P	19961127	200354	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193623	A	19981117		
MX 199904932	A1	20050701	MX 19994932	A	19990527	200628	E
CN 1264119	C	20060712	CN 1999110171	A	19990629	200678	E
MX 237984	B	20060622	MX 19994932	A	19990527	200680	E
US 20070179889	A1	20070802	US 199631956	P	19961127	200753	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193623	A	19981117		
			US 2003390586	A	20030317		
			US 2007732861	A	20070405		
EP 961251	B1	20081001	EP 1999303413	A	19990430	200867	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193623 A 19981117; EP 1999303413 A 19990430; US 2003390586 A 20030317; US

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 961251	A2	EN	78	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199901657	A	PT				
US 6598023	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
US 20070179889	A1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193623
					Division of application	US 2003390586
					Division of patent	US 6598023
EP 961251	B1	EN				
Regional Designated States,Original	DE ES FR GB IT					

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00**... ...**G06Q-0090/00**... ...**G06Q-0099/00** ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00**... ...**G06Q-0090/00**... ...**G06Q-0099/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**BLACKSON D**... ...**CICHON B A**... ...**Drummond, Jay Paul, 3205 Roanoke Street, NW Massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon Bob A., 2112 Tennyson N.E.#6, Massillon Ohio 44646, US**... ...**Smith, Mark D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**Weis, David W., 842 Mckinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Smith, Mark D**... ...**Weis, David W**... ...**Church, James**... ...**Cichon Bob A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**Claims:**We claim:**1**. A method comprising: (a) operating an automated teller **machine**

(**ATM**) to receive from a user of the ATM, identification data linked to at least one...

5/3,K/53 (Item 53 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730357 & & *Drawing available*
WPI Acc no: 2000-015520/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-012234
Automated banking machine system, which provides user with familiar interface and transaction options of their home institution when operating foreign institution machine
Patent Assignee: DIEBOLD INC (DIEB-N); DEBULTER CO LTD (DEBU-N)
Inventor: **BLACKSON D**; CHICHON B A; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**; WEISS D W; BRICKSON D; CIDRAW B A

Patent Family (10 patents, 30 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961250	A2	19991201	EP 1999303412	A	19990430	200002	B
BR 199901648	A	20000912	BR 19991648	A	19990527	200051	E
CN 1261185	A	20000726	CN 1999108927	A	19990629	200057	E
US 6505177	B1	20030107	US 199631956	P	19961127	200306	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193635	A	19981117		
CA 2421991	A1	19991127	CA 2271394	A	19990507	200338	E
			CA 2421991	A	19990507		
CA 2421991	C	20040713	CA 2271394	A	19990507	200452	E
			CA 2421991	A	19990507		
CA 2435204	C	20050329	CA 2271394	A	19990507	200527	E
			CA 2435204	A	19990507		
MX 199904931	A1	20050701	MX 19994931	A	19990527	200628	E
MX 237983	B	20060622	MX 19994931	A	19990527	200680	E
CN 1302413	C	20070228	CN 1999108927	A	19990629	200749	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193635 A 19981117

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 961250	A2	EN	78	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199901648	A	PT				
US 6505177	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
CA 2421991	A1	EN			Division of application	CA 2271394
CA 2421991	C	EN			Division of application	CA 2271394
CA 2435204	C	EN			Division of application	CA 2271394

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Alerting Abstract** DESCRIPTION - A computer (34) may be in connection with a number of **transaction function** devices (36) which are included in ATM (12). Devices (36) include for example, a card... ...36 **transaction function** devices... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**BLACKSON D**... ...**DRUMMOND J P**... ...**CHURCH J**... ...**WEIS D W**... ...**SMITH M D**... ...**CICHON B A**... ...**BLACKSON D**... ...**WEIS D W**... ...**DRUMMOND J P**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**WEIS D W**... ...**DRUMMOND J P**... ...**Drummond, Jay, Paul, 3205 Roanoke Street, NW massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon Bob A., 2112 Tennyson N.E.#6, Massillon 44646 Ohio, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW Canton, Ohio 44720, US** ... ...**Weis, David, W., 842 McKinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**

5/3,K/54 (Item 54 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730356 & & *Drawing available*
WPI Acc no: 2000-015519/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-012233
Apparatus using browser interface to HTTP and other devices to run responsive to messages in ATM legacy system
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; BLACKSONN D; BROUSAY R G; CHICHON B A; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; JAY P; MOALES M A; RICHARDS B G; **SMITH M D**; **WEIS D W**; **DRUMMOND J**; ESS J ; MOALES M; RICHARDS B; **SMITH M**; **WEIS D**

Patent Family (7 patents, 28 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961249	A2	19991201	EP 1999303410	A	19990430	200002	B
CN 1254141	A	20000524	CN 1999110173	A	19990702	200043	E
US 6539361	B1	20030325	US 199631956	P	19961127	200325	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193627	A	19981117		
MX 199904938	A1	20050701	MX 19994938	A	19990527	200628	E
MX 237985	B	20060622	MX 19994938	A	19990527	200680	E
CN 1296863	C	20070124	CN 1999110173	A	19990702	200746	E
EP 961249	B1	20081008	EP 1999303410	A	19990430	200868	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193627 A 19981117; EP 1999303410 A 19990430

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 961249	A2	EN	77	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 6539361	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422

					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
EP 961249	B1	EN				
Regional Designated States,Original	DE ES FR GB IT					

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W**... ...**DRUMMOND J**... ...**SMITH M**... ...**WEIS D Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Drummond, Jay, Paul, 1965 Augusta Drive SE, Massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**Weis, David, W., 842 McKinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**CICHON B A**... ...**DRUMMOND J**... ...**Blackson, Dale**... ...**SMITH M**... ...**WEIS D**... ...**Church, James**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**WEIS D W**... ...**CHURCH J**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**WEIS D W**... ...**CHURCH J**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**Claims:**automated transaction machine including at least one computer, and a display and at least one **transaction function** device in operative connection with the computer, the computer including a browser;
a host, wherein... ... computer, and wherein the computer is operative responsive to the first message to operate the **transaction function** device;
a server, and at least one first HTML document accessible through the server, wherein... ... having a browser for accessing an HTML document; an output device; and at least one **transaction function** device (36) in operative connection with the computer, wherein the computer (34) is operative to... ... operative responsive to receipt of the transaction message to cause operation of a value transfer **transaction function** device (42) to implement the transfer of value, wherein, responsive to receipt of the transaction... ... wherein the HTML document does not include instructions which cause operation of a value transfer **transaction function** device (42... ... We claim:1. A method comprising:(a) operating at least one **transaction function** device of an automated transaction machine in response to a transaction message received without a... ... a first HTML document with a browser in the machine responsive to operation of the **transaction function** device;(c) controlling an output device of the automated transaction machine responsive to first instructions included in the first HTML document accessed with the browser;(d) operating a second **transaction function** device of the machine responsive to operation of the first **transaction function** device;(e) accessing a second HTML document including second instructions with the browser, responsive to operation of the second **transaction function** device; and(f) controlling the output device responsive to the instructions included in the

5/3,K/55 (Item 55 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730355 & *Drawing available*

WPI Acc no: 2000-015518/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2001-289680; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-012232
Automated banking terminal operating with security features such as signed applets
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CHICHON B A; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**; DELAMOND; PAUL J

Patent Family (6 patents, 28 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961248	A2	19991201	EP 1999303408	A	19990430	200002	B
CN 1254138	A	20000524	CN 1999110145	A	19990701	200043	E
CA 2271210	C	20030128	CA 2271210	A	19990507	200319	E
MX 199904935	A1	20050701	MX 19994935	A	19990527	200628	E
MX 237781	B	20060615	MX 19994935	A	19990527	200680	E
CN 100339827	C	20070926	CN 1999110145	A	19990701	200835	E

Priority Applications (no., kind, date): US 199877337 A 19980527; US 1998177337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193637 A 19981117

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 961248	A2	EN	77	31	
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
CA 2271210	C	EN			

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Alerting Abstract** ...NOVELTY - A browser processes HTML documents including relevant instructions. A **transaction function** device carries out a **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device. **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**CICHON B A**... ...**SMITH M D**...

...**CHURCH J**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**Drummond, Jay, Paul, 1965 Augusta Drive SE, Massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon Bob A., 2112 Tennyson N.E.#6, Massillon Ohio 44646, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**Weis, David, W., 842 McKinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**

5/3,K/56 (Item 56 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730354 & *Drawing available*
WPI Acc no: 2000-015517/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-012231
Automated transaction machine operating that is responsive to HTML document accessed with browser
Patent Assignee: DIEBOLD INC (DIEB-N); DEBULTER CO LTD (DEBU-N)
Inventor: **BLACKSON D**; BRICKSON D; CALIFF M E; CHEN L; **CICHON B A**; COVERT M S; **DRUMMOND J P**; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C; CALIFF M; CHICON B A; COVERT M; **DRUMMOND J**; JOYCE S; LEMLEY R; LEPPER B; MOALES M; MOORE P; **SMITH M**; SWINGLER S

Patent Family (10 patents, 30 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961247	A2	19991201	EP 1999303407	A	19990430	200002	B
BR 199901649	A	20000118	BR 19991649	A	19990527	200021	E
CN 1261184	A	20000726	CN 1999108926	A	19990629	200057	E
CA 2271209	C	20021210	CA 2271209	A	19990507	200305	E
US 20040129775	A1	20040708	US 199631956	P	19961127	200445	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		

US 6873973	B2	20050329	US 199631956	P	19961127	200522	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
MX 199904929	A1	20050701	MX 19994929	A	19990527	200628	E
CN 1293510	C	20070103	CN 1999108926	A	19990629	200746	E
MX 245992	B	20070524	MX 19994929	A	19990527	200843	E
EP 961247	B1	20080910	EP 1999303407	A	19990430	200860	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; EP 1999303407 A 19990430; US 2003738756 A 20031217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 961247	A2	EN	77	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199901649	A	PT				
CA 2271209	C	EN				
US 20040129775	A1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
US 6873973	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
EP 961247	B1	EN				
Regional Designated States,Original	DE ES FR GB IT					

Inventor: **BLACKSON D**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**DRUMMOND J**... ...**SMITH M Alerting Abstract** ...in computer includes a browser to process HTML documents including instructions in the document. A **transaction function** device carries out a **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device. **Class Codes** International Patent Classification IPC Class Level Scope Position Status

Version Date ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**BLACKSON D**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**Drummond, Jay, Paul, 1965 Augusta Dr., SE Massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**DRUMMOND J**... ...**Blackson, Dale**... ...**SMITH M**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Smith, Mark D**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Smith, Mark D** ...**Claims:**to receive inputs, whereby a user is enabled to provide inputs to the machine;
a **transaction function** device, wherein the **transaction function** device is selectively operative to carry out a **transaction function**;
a computer, wherein the computer is in operative connection with the output device, the input device and the **transaction function** device and includes a browser, wherein the browser is operative to process HTML documents including instructions therein, and wherein the **transaction function** device is operative to carry out the **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device... ... an output device operative to output information; an input device operative to receive inputs; a **transaction function** device (36) selectively operative to carry out a **transaction function**; and a computer (34) in operative connection with the output device, the input device and the **transaction function** device, the computer (34) including a browser and a diagnostic and remedial software function; wherein... ... operative to process HTML documents, including instructions therein, accessed from a remote server, wherein the **transaction function** device (36) is operative to carry out the **transaction function** responsive to the browser processing an HTML document including an instruction to operate the **transaction function** device (36), wherein the diagnostic and remedial software function of the computer (34) is operative... ... and wherein the further HTML document includes diagnostic data representative of a status of the **transaction function** device (36), and includes corrective action data and repair instructions which include an instruction which causes operation of the **transaction function** device (36)... to receive inputs, whereby a user is enabled to provide inputs to the machine;a **transaction function** device, wherein the **transaction function** device is selectively operative to carry out a **transaction function**;a computer, wherein the computer is in operative connection with the output device, the input device and the **transaction function** device;software executable in the computer, wherein the software includes a browser, wherein the browser is operative to process HTML documents including instructions therein, and wherein the **transaction function** device is operative to carry out the **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device....

5/3,K/57 (Item 57 from file: 350) **Links**
Fulltext available through: Order File History

0009730353 & *Drawing available*
WPI Acc no: 2000-015516/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-

266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466; 1999-590903
XRPX Acc No: N2000-012230

Automated transaction machine for Internet banking

Patent Assignee: DIEBOLD INC (DIEB-N)

Inventor: **BLACKSON D**; BRICKSON D; CHICHON B A; **CHURCH J**; **CICHON B A**; CIDRAW B A; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**; WEISS D W; **CICHON B**; **DRUMMOND J**; ESS J; MOALES M; **SMITH M**; **WEIS D**

Patent Family (7 patents, 28 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961246	A2	19991201	EP 1999303404	A	19990430	200002	B
BR 199901647	A	20001003	BR 19991647	A	19990527	200053	E
CN 1261186	A	20000726	CN 1999108954	A	19990629	200057	E
MX 199904930	A1	20050701	MX 19994930	A	19990527	200628	E
MX 242876	B	20061219	MX 19994930	A	19990527	200744	E
CN 100382071	C	20080416	CN 1999108954	A	19990629	200845	E
EP 961246	B1	20081008	EP 1999303404	A	19990430	200868	E

Priority Applications (no., kind, date): US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193565 A 19981117; EP 1999303404 A 19990430

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing	Notes
EP 961246	A2	EN	77	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199901647	A	PT				
EP 961246	B1	EN				
Regional Designated States,Original	DE ES FR GB IT					

...**Original Titles:**Methods by which an ATM selectively accesses documents based on the **transaction function** devices present in the machine... ...Methods by which an ATM selectively accesses documents based on the **transaction function** devices present in the machine... Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W**... ...**CICHON B**... ...**DRUMMOND J**... ...**SMITH M**... ...**WEIS D Alerting Abstract** ...NOVELTY - The machine includes an automated transaction machine with at least one type of **transaction function** device that selectively carries out a **transaction function**. A computer is in operative connection with the **transaction function** device and includes a browser. The computer uses the browser to access an HTML document that

responds to the type of the **transaction function** device in the machine. **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00** ...**G06Q-0020/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**DRUMMOND J P**... ...**Drummond, Jay, Paul, 1965 Augusta Dr., SE Massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon, Bob, A., 2112 Tennyson NE #6, Massillon, Ohio 44646, US** ... ...**Smith, Mark, D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**Weis, David, W., 842 Mckinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**DRUMMOND J**... ...**Blackson, Dale**... ...**CICHON B**... ...**SMITH M**... ...**WEIS D**... ...**Church, James**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J Claims:**1. Apparatus comprising:
an automated transaction machine, including:
at least one type of **transaction function** device selectively operative to carry out a **transaction function**;
a computer, wherein the computer is in operative connection with the **transaction function** device and includes a browser, wherein the computer is configured to operate the browser to access an HTML document responsive to the type of the **transaction function** device in the machine... ... Apparatus comprising: an automated transaction machine (12), wherein the machine includes: a plurality of **transaction function** devices (36) in the machine (12), wherein at least one said **transaction function** device (36) is available, wherein each respective available **transaction function** device (36) is selectively operational to carry out a respective type of **transaction function**; and a computer (34); wherein the computer (34) is in operative connection with each **transaction function** device (36) and includes a browser, wherein the computer (34) is configured to: sense a change in a current operational availability of the **transaction function** devices (36) in the machine (12), query a database server, responsive to a sensed change in the operational availability condition of the **transaction function** devices (36) in the machine (12), wherein the query includes or is accompanied by data...

5/3,K/58 (Item 58 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0008779060 & & *Drawing available*
WPI Acc no: 1998-322937/199828
Related WPI Acc No: 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N1998-252479
Automated banking machine for use in wide area network - provides user with familiar interface from home institution at banking machines operated by other institutions
Patent Assignee: DIEBOLD INC (DIEB-N); INTERBOLD (INTE-N)

Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CHURCH J**; **CICHON B A**; COVERT M S; **DRUMMOND J P**; ESS J C; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; RICHARDS B G; **SMITH M D**; SWINGLER S C; **WEIS D W**; **CICHON B**; COVERT M

Patent Family (18 patents, 24 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1998024041	A1	19980604	WO 1997US21422	A	19971125	199828	B
EP 941516	A1	19990915	EP 1997951463	A	19971125	199942	E
			WO 1997US21422	A	19971125		
CN 1244934	A	20000216	CN 1997181456	A	19971125	200027	E
BR 199714741	A	20001003	BR 199714741	A	19971125	200053	E
			WO 1997US21422	A	19971125		
MX 199904502	A1	20000501	MX 19994502	A	19990514	200129	E
US 6289320	B1	20010911	US 199777377	A	19971127	200154	NCE
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			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
US 20030018580	A1	20030123	US 199631956	P	19961127	200310	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193635	A	19981117		
			US 2002226193	A	20020821		
US 20030078866	A1	20030424	US 199631956	P	19961127	200330	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
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			US 1998193627	A	19981117		
			US 2002305083	A	20021125		
MX 217156	B	20031024	MX 19994502	A	19990514	200467	E
			WO 1997US21422	A	19971125		
CN 1106623	C	20030423	CN 1997181456	A	19971125	200538	E
IN 199703407	I1	20050624	IN 1997DE3407	A	19971126	200574	E
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			US 199895626	P	19980807		
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			US 2002226193	A	20020821		
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			US 199891887	P	19980707		
			US 199895626	P	19980807		
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			US 1998193565	A	19981117		
EP 1672516	A2	20060621	EP 1997951463	A	19980604	200643	E
			EP 200675759	A	19971125		
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RU 2284055	C2	20060920	RU 1999113440	A	19971125	200662	E
			WO 1997US21422	A	19971125		
EP 1672516	A3	20071017	EP 1997951463	A	19980604	200770	E
			EP 200675759	A	19971125		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193565 A 19981117; US 1998193627 A 19981117; US 1998193635 A 19981117; US 1998193637 A 19981117; US 2002226193 A 20020821; US 2002305083 A 20021125

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1998024041	A1	EN	64	24		
National Designated States,Original	BR CA CN MX RU US					
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 941516	A1	EN			PCT Application	WO 1997US21422
					Based on OPI patent	WO 1998024041
Regional Designated States,Original	DE ES FR GB IT					
BR 199714741	A	PT			PCT Application	WO 1997US21422
					Based on OPI patent	WO 1998024041
US 6289320	B1	EN			Continuation of application	US 199777377
					Continuation of application	WO 1997US21422
					Related to Provisional	US 199891887

					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
US 20030018580	A1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
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					Division of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
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MX 217156	B	ES			PCT Application	WO 1997US21422
					Based on OPI patent	WO 1998024041
IN 199703407	I1	EN				
US 6965879	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193627
					Division of patent	US 6539361
US 6973443	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
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					Division of application	US 1998193635
					Division of patent	US 6505177
US 7062464	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Continuation of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
EP 1672516	A2	EN			Division of application	EP 1997951463
					Division of patent	EP 941516
Regional Designated States,Original	DE ES FR GB IT					
CA 2545280	A1	EN			Division of application	CA 2271686
RU 2284055	C2	RU			PCT Application	WO 1997US21422

					Based on OPI patent	WO 1998024041
EP 1672516	A3	EN			Division of application	EP 1997951463
					Division of patent	EP 941516
Regional Designated States,Original	DE ES FR GB IT					

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W**... ...**CICHON B Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0010/00**... ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** ...**G06Q-0010/00**... ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**...**CICHON B A**... ...**SMITH M D**...**DRUMMOND J P**... ...**BLACKSON D**... ...**Drummond, Jay Paul**... ...**Blackson, Dale** ...**Cichon, Bob**...**Smith, Mark D**... **DRUMMOND J P**... ...**BLACKSON DCICHON B**... ...**SMITH M D**...**DRUMMOND, Jay, Paul, 3205 Roanoke Street, N.W., Massillon, OH 44646, US**... ...**BLACKSON, Dale, 5056 Paddington Down Street, Canton, OH 44718, US** ...**CICHON, Bob, A., 2631 Green View Center, N.W., Canton, OH 44708, US**...**SMITH, Mark, D., 1910 Hunting Valley, N.W., North Canton, OH 44720, US**...**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON DCICHON B A**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**...**SMITH M D**... ...**Drummond, Jay Paul**...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**Drummond, Jay Paul**... ...**Blackson, Dale**...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark D**...**Church, James**... ...**Drummond, Jay Paul**...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark DChurch, James**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**...**Smith, Mark D**... ...**Church, James**... ...**Drummond, Jay Paul**...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**DRUMMOND, JAY, PAUL, 3205 ROANOKE STREET, N.W., MASSILLON, OH 44646, US**... ...**BLACKSON, DALE, 5056 PADDINGTON DOWN STREET, CANTON, OH 44718, US** ...**CICHON, BOB, A., 2631 GREEN VIEW CENTER, N.W., CANTON, OH 44708, US**...**SMITH, MARK, D., 1910 HUNTING VALLEY, N.W., NORTH CANTON, OH 44720, US** **Claims:**An Automated Teller **Machine** (**ATM**) comprising: at least one computer;a browser operating in the at least one computer;a... ... automated transaction machine including at least one computer, and a display and at least one **transaction function** device in operative connection with the computer, the computer including software executable therein, the software... ... computer, and wherein the computer is operative responsive to the first message to operate the **transaction function** device;a server, and at least one first HTML document accessible through the server, wherein... automated transaction machine located at a first location, wherein the machine includes:at least one **transaction function** device in the machine, wherein the at least one **transaction function** device includes at least one available **transaction function** device, wherein each respective available **transaction function** device is selectively operative to carry out a respective different type of **transaction function**;a computer, wherein the computer is in operative connection with each **transaction function** device;software executable in the computer, wherein the software includes a browser, wherein the software... ... enable the computer to access an HTML document which corresponds to the availability of the **transaction function** devices in the machine.

5/3K/59 (Item 59 from file: 348) **Links**
Fulltext available through: Order File History
EUROPEAN PATENTS

02524413
Value insertion using bill pay card preassociated with biller
Eingabe von Werten uber eine mit einem Rechnungsprogramm verbundene Rechnungszahlungskarte
Insertion de valeur utilisant une carte de paiement de factures preassociee avec le facturier

Patent Assignee:

- **e2interactive Inc. d/b/a e2interactive Inc.**; (8269220)
  250 Williams Street, Suite M-100; Atlanta, GA 30303; (US)
  (Applicant designated States: all)

Inventor:

- **Graves, Philips**
  14 Stratford Hall Place; Atlanta, GA 30342; (US)
- **Smith, Merrill**
  c/o 250 Williams StreetSuite M-100; Atlanta, GA 30303; (US)
- **...US)**
  ; ;
- **Smith, Merrill...**
  ; ;

Legal Representative:

- **Bankes, Stephen Charles Digby et al (47701)**
  Baron Warren Redfern 19 South End; KensingtonLondonW8 5BU; (GB)

	Country	Number	Kind	Date	
Patent	EP	1956542	A2	20080813	(Basic)
Application	EP	2008100623		20080118	
Priorities	US	672204		20070207	

Designated States:
AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HR; HU; IE; IS; IT; LI;
LT; LU; LV; MC; MT; NL; NO; PL; PT; RO;
SE; SI; SK; TR;

Extended Designated States:
AL; BA; MK; RS;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0020/00	A	I	F	B	20060101	20080428	H	EP
G06Q-0020/00	A	I	F	B	20060101	20080428	H	EP

Abstract Word Count: 128
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200833	539
SPEC A	(English)	200833	13960
Total Word Count (Document A) 14499			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 14499			

Specification: ...may take many forms, including but not limited to a merchant POS, an automated teller **machine** (**ATM**), or a dedicated kiosk.

At step 1120, the POS may read the customer's bill...

5/3K/60 (Item 60 from file: 348) **Links**
Fulltext available through: Order File History
EUROPEAN PATENTS

02380099
A system for using a radio frequency identification (RFID) Card
System zur Verwendung einer Hochfrequenzidentifikationskarte (RFID)
Systeme pour l'utilisation d'une carte d'identification de frequence radio (RFID)

Patent Assignee:

- **E2Interactive, Inc. D/B/A E2Interactive, Inc.**; (5225860)
  250 Williams Street, Suite M-100; Atlanta, Georgia 30303; (US)
  (Applicant designated States: all)

Inventor:

- **Smith, Merrill**
  c/o 250 Williams Street, Suite M-100; Atlanta, GA 30303; (US)
- **Lowin, Lesley**
  The Street; Poynings, Sussex BN45 7AQ; (US)
- **Chakiris, Phil**
  106 Verlaine Place NW; Atlanta, GA 30327; (US)
- **Smith, Merrill...**
  ; ;

Legal Representative:

- **Bankes, Stephen Charles Digby et al (47701)**
  BARON & WARREN 19 South End Kensington; London W8 5BU; (GB)

	Country	Number	Kind	Date	
Patent	EP	1870849	A2	20071226	(Basic)
Application	EP	2007107153		20070427	
Priorities	US	436321		20060518	

Designated States:
AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IS; IT; LI; LT;
LU; LV; MC; MT; NL; PL; PT; RO; SE; SI;
SK; TR;

Extended Designated States:
AL; BA; HR; MK; YU;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0020/00	A	I	F	B	20060101	20071120	H	EP
G06Q-0020/00	A	I	F	B	20060101	20071120	H	EP

Abstract Word Count: 115
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200752	782
SPEC A	(English)	200752	6713
Total Word Count (Document A) 7495			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 7495			

Specification: ...as an airline check-in kiosk, or may be multi-purpose like an automated teller **machine** (**ATM**). The RFID interrogator may read the information on the RFID enabled stored value card 100...the RFID enabled stored value card at a POS terminal or equivalent (e.g., kiosk, **ATM machine**, etc.). The POS may utilize an RFID interrogator to read the RFID enabled stored value...

5/3,K/1 (Item 1 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0018572472 & & *Drawing available*
WPI Acc no: 2009-A70870/200903
Related WPI Acc No: 2000-328491; 2001-432413; 2002-214782; 2003-066534; 2003-421749; 2003-502854; 2003-504261; 2005-020746; 2006-182494; 2006-391340; 2006-519212; 2006-535942; 2006-566932; 2006-619259; 2006-659309; 2006-659310; 2006-659311; 2006-659312; 2006-659313; 2006-706723; 2006-706724; 2006-706725; 2006-715867; 2006-715868; 2006-715869; 2007-053042; 2007-108416; 2007-473956; 2007-505533; 2007-505534; 2007-505535; 2007-555745; 2007-717864; 2007-869838; 2008-A32644; 2008-B36943; 2008-C32425; 2008-E80755; 2008-F39709; 2008-G80260; 2008-K62708; 2008-L67556; 2008-M28939; 2009-A70737; 2009-A72759
XRPX Acc No: N2009-050167
Operating method of automated banking machine e.g. automated teller machine, involves printing image corresponding to check image data which is modified to change micr line content in check
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: BARNETT R W; BELL V; **BLACKSON D H**; BROWN M J; CARPENTER K; CREWS T; DROZDA L; GALLOWAY T; GRAEF H T; KAY J R; LASKOWSKI E L; MCCARTHY W; PAHL M; PETERS D A; RYAN M; WARD M A; WARREN W

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7469824	B1	20081230	US 1999167996	P	19991130	200903	B
			US 2000723304	A	20001127		
			US 2003504282	P	20030917		
			US 2003504776	P	20030917		
			US 2003503825	P	20030922		
			US 2004537581	P	20040120		
			US 2004537788	P	20040120		
			US 2004537795	P	20040120		
			US 2004584532	P	20040629		
			US 2004584578	P	20040629		
			US 2004584592	P	20040629		
			US 2004584622	P	20040629		
			US 2004584742	P	20040629		
			US 2004944578	A	20040916		
			US 200539655	A	20050119		
			US 2005678916	P	20050506		
			US 2005168027	A	20050627		

Priority Applications (no., kind, date): US 1999167996 P 19991130; US 2000723304 A 20001127; US 2003504282 P 20030917; US 2003504776 P 20030917; US 2003503825 P 20030922; US 2004537581 P 20040120; US 2004537788 P 20040120; US 2004537795 P 20040120; US 2004584532 P 20040629; US 2004584578 P 20040629; US 2004584592 P 20040629; US 2004584622 P 20040629; US 2004584742 P 20040629; US 2004944578 A 20040916; US 200539655 A 20050119; US 2005678916 P 20050506; US 2005168027 A 20050627

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7469824	B1	EN	110	80	Related to Provisional	US 1999167996
					C-I-P of application	US 2000723304
					Related to Provisional	US 2003504282
					Related to Provisional	US 2003504776
					Related to Provisional	US 2003503825
					Related to Provisional	US 2004537581
					Related to Provisional	US 2004537788
					Related to Provisional	US 2004537795
					Related to Provisional	US 2004584532
					Related to Provisional	US 2004584578
					Related to Provisional	US 2004584592
					Related to Provisional	US 2004584622
					Related to Provisional	US 2004584742
					C-I-P of application	US 2004944578
					C-I-P of application	US 200539655
					Related to Provisional	US 2005678916

...Inventor: **BLACKSON D H Alerting Abstract** ...USE - Operating method of automated banking machine e.g. automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Blackson, Dale H**

5/3,K/2 (Item 2 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0018572339 & *Drawing available*
WPI Acc no: 2009-A70737/200903
Related WPI Acc No: 2000-328491; 2001-432413; 2002-214782; 2003-066534; 2003-421749; 2003-502854; 2003-504261; 2005-020746; 2006-182494; 2006-391340; 2006-519212; 2006-535942; 2006-566932; 2006-619259; 2006-659309; 2006-659310; 2006-659311; 2006-659312; 2006-659313; 2006-706723; 2006-706724; 2006-706725; 2006-715867; 2006-715868; 2006-715869; 2007-053042; 2007-108416; 2007-473956; 2007-505533; 2007-505534; 2007-505535; 2007-555745; 2007-717864; 2007-869838; 2008-A32644; 2008-B36943; 2008-C32425; 2008-E80755; 2008-F39709; 2008-G80260; 2008-K62708; 2008-L67556; 2008-M28939; 2009-A70870; 2009-A72759
XRPX Acc No: N2009-050038
Automated banking method for check accepting and cash dispensing, involves crediting input amount value to machine user when characters corresponding to dollars and cents are represented in image data of check
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: BARNETT R W; BELL V; **BLACKSON D H**; BROWN M J; CARPENTER K; CREWS T; DROZDA L; GALLOWAY T; GRAEF H T; KAY J R; LASKOWSKI E L; MCCARTHY W; PAHL M; PETERS D A; RYAN M; WARD M A; WARREN W

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7467744	B1	20081223	US 1999167996	P	19991130	200903	B
			US 2000723304	A	20001127		
			US 2003504282	P	20030917		
			US 2003504776	P	20030917		
			US 2003503825	P	20030922		
			US 2004537581	P	20040120		
			US 2004537788	P	20040120		
			US 2004537795	P	20040120		
			US 2004584532	P	20040629		
			US 2004584578	P	20040629		
			US 2004584592	P	20040629		
			US 2004584622	P	20040629		
			US 2004584742	P	20040629		
			US 2004944578	A	20040916		
			US 200539655	A	20050119		
			US 2005678916	P	20050506		
			US 2005167976	A	20050627		

Priority Applications (no., kind, date): US 1999167996 P 19991130; US 2000723304 A 20001127; US 2003504282 P 20030917; US 2003504776 P 20030917; US 2003503825 P 20030922; US 2004537581 P 20040120; US 2004537788 P 20040120; US 2004537795 P 20040120; US 2004584532 P 20040629; US 2004584578 P 20040629; US 2004584592 P 20040629; US 2004584622 P 20040629; US 2004584742 P 20040629; US 2004944578 A 20040916; US 200539655 A 20050119; US 2005678916 P 20050506; US 2005167976 A 20050627

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7467744	B1	EN	111	80	Related to Provisional	US 1999167996
					C-I-P of application	US 2000723304
					Related to Provisional	US 2003504282
					Related to Provisional	US 2003504776
					Related to Provisional	US 2003503825
					Related to Provisional	US 2004537581
					Related to Provisional	US 2004537788
					Related to Provisional	US 2004537795
					Related to Provisional	US 2004584532
					Related to Provisional	US 2004584578
					Related to Provisional	US 2004584592
					Related to Provisional	US 2004584622
					Related to Provisional	US 2004584742
					C-I-P of application	US 2004944578
					C-I-P of application	US 200539655
					Related to Provisional	US 2005678916

...Inventor: **BLACKSON D H Alerting Abstract** ...36 **Transaction function** devices... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Blackson, Dale H**

5/3,K/3 (Item 3 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0018047766 & & *Drawing available*
WPI Acc no: 2008-J68094/200856
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-K24443; 2008-K24466
XRPX Acc No: N2008-698310
Card activated cash dispensing automated transaction machine for use with banking system, has services layer operated in computer, where communication via layer causes software component to cause function device to carry out common function
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: BLOCK J; CWIKLA J; **DRUMMOND J P**; REED B; SHEPLEY S; **SMITH M D** ; USNER R

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080185428	A1	20080807	US 199631956	P	19961127	200856	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
			US 2000207043	P	20000525		
			US 2001863911	A	20010523		
			US 200875236	A	20080310		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193637 A

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20080185428	A1	EN	12	4	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193637
					Related to Provisional	US 2000207043
					Continuation of application	US 2001863911
					C-I-P of patent	US 6289320
					Continuation of patent	US 7341177

...Inventor: **DRUMMOND J P**... ...**SMITH M D Alerting Abstract** ...NOVELTY - The machine has a set of **transaction function** devices (42) e.g. coin dispenser, with a cash dispenser in operative connection with an automated teller **machine** (**ATM**) computer (22). Open device services (ODS) components (36) cause a service provider software component to cause one of the function devices to carry out **transaction function**. Extensions for financial services (XFS) layer (28) are operated in the computer, where the communication through the layer causes the software component to cause the **transaction function** device to carry out a common **transaction function**. ...machine improves the ability of a single application to function properly on different automated teller **machine** (**ATM**) platforms, efficiently troubleshoots ATM hardware, simplifies programming of ATM applications, and offers low level diagnostic... ...42 **Transaction function** devices **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Drummond, Jay Paul**... ...**Smith, Mark D** ...**Original Abstracts:**a cross-vender software and hardware platform architecture includes a computer and a plurality of **transaction function** devices. The machine further includes a plurality of **device driver** components that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS layer to control the operation of the **transaction function** devices. The machine further includes a terminal application and an ODS layer. The ODS layer includes a plurality of ODS components that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer. **Claims:**We claim:**1**. An automated transaction machine comprising:at least one computer;a plurality of **transaction function** devices including a card reader and a cash dispenser in operative connection with the at least one computer, wherein the plurality of **transaction function** devices includes at least one **transaction function** device of a first type, wherein the at least one **transaction function** device is capable of operation to carry out at least one first **transaction function**, wherein the at least one **transaction function** device is in operative connection with the at least one computer, wherein the at least one **transaction function** device includes;an extensions for financial services (XFS) manager software layer operative in the at... ... responsive to the XFS manager software layer to control operation of the at least one **transaction function** device, wherein the service provider software layer includes at least one of a plurality of... ... software components, wherein each respective service provider software component is operative to control a corresponding **transaction function** device of the first

type, wherein a plurality of mechanically different devices of the first... ... of being operated in automated transaction machines to carry out the at least one first **transaction function**, wherein at least one first service provider software component included in the service provider software layer of the machine is operative to control the at least one **transaction function** device of the machine;a further software layer, wherein at least a portion of the... ... the at least one first service provider software component to cause the at least one **transaction function** device of the machine to carry out the at least one first **transaction function** responsive to communication through the XFS manager layer, wherein a plurality of the further software... ... service provider software component to cause a respective one of a plurality of mechanically different **transaction function** devices to carry out a common at least one **transaction function.>**

5/3,K/4 (Item 4 from file: 350) **Links**
Fulltext available through: Order File History

0017950356 & *Drawing available*
WPI Acc no: 2008-H70685/200849
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2008-615492
Automated banking machine i.e. automated teller machine, for use in wide area network, has server providing mark up language document including automated transaction machine instructions
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080147547	A1	20080619	US 199631956	P	19961127	200849	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193565	A	19981117		
			US 2005270392	A	20051108		
			US 200870513	A	20080219		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US

199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193565 A 19981117; US 2005270392 A 20051108; US 200870513 A 20080219

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20080147547	A1	EN	54	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193565
					Division of application	US 2005270392
					Division of patent	US 7062464
					Division of patent	US 7333954

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Alerting Abstract** ...machine has a server to receive machine device data indicative of an operational availability of **transaction function** devices in a transaction machine that differs from the operational availability of the **transaction function** devices in another transaction machine. The server provides a mark up language document including automated transaction machine instructions corresponding to the former operational availability of the **transaction function** devices in the former transaction machine, where the transaction machine instructions differ from each other. **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James Original Abstracts:**An automated banking machine includes at least one browser and **transaction function** devices, including a currency dispenser device. The machine can be operated in a modified mode... ... to communicate with one or more servers. Data indicative of the availability of the certain **transaction function** devices can be communicated to a server. One or more mark up language documents containing data and/or instructions that correspond to the operational availability to the machine of the **transaction function** devices can be accessed. The machine can then be operated responsive to the data and... ... example, the machine may change its display output to a customer to reflect its current **transaction function** device status. Customer transaction options can be readily changed via machine/server communication on a... ...**Claims:**is operative to receive first machine device data indicative of a first operational availability of **transaction function** devices in a first automated transaction machine,wherein responsive to receiving the first machine device... ... includes first automated transaction machine instructions which correspond to the first operational availability of the **transaction function** devices in the first automated transaction machine,wherein the server is operative to receive second machine device data indicative of a second operational availability of **transaction function** devices in a second automated transaction machine that differs from the first operational availability of the **transaction function** devices in the first automated transaction machine,wherein responsive to receiving the second machine device... ... document includes second automated transaction machine instructions corresponding to the second operational availability of the **transaction function** devices in the second automated transaction machine, wherein the second automated transaction machine instructions differ...

5/3,K/5 (Item 5 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0017661857 & & *Drawing available*
WPI Acc no: 2008-E82429/200833
Related WPI Acc No: 2002-705430; 2004-079688; 2004-327028; 2004-649233; 2005-312293; 2006-170489; 2006-686432; 2007-454457; 2008-H70266; 2008-H70267
XRPX Acc No: N2008-379681
Automated banking machine e.g. automated teller machine, system for e.g. dispensing currency or accepting deposit from user, has robotic handling device moving gripped item between customer stations and pneumatic tube
Patent Assignee: DIEBOLD INC (DIEB-N); DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: BARKER D A; DELANEY D J; DOUGLAS M; GREEN P C; HERRERA E; HILL J A; RAMACHANDRAN N; **SMITH M**; THERIAULT F M

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080091601	A1	20080417	US 1999168882	P	19991203	200833	B
			US 2000725650	A	20001129		
			US 2002231212	A	20020829		
			US 2006514527	A	20060901		
			US 2007704506	A	20070209		
			US 2007998941	A	20071203		
US 7438222	B2	20081021	US 1999168882	P	19991203	200875	E
			US 2000725650	A	20001129		
			US 2002231212	A	20020829		
			US 2006514527	A	20060901		
			US 2007704506	A	20070209		
			US 2007998941	A	20071203		

Priority Applications (no., kind, date): US 1999168882 P 19991203; US 2000725650 A 20001129; US 2002231212 A 20020829; US 2006514527 A 20060901; US 2007704506 A 20070209; US 2007998941 A 20071203

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20080091601	A1	EN	45	32	Related to Provisional	US 1999168882
					Division of application	US 2000725650
					Division of application	US 2002231212
					Division of application	US 2006514527
					Division of application	US 2007704506
					Division of patent	US 6443359
					Division of patent	US 7100819
					Division of patent	US 7195153

US 7438222	B2	EN			Related to Provisional	US 1999168882
					Division of application	US 2000725650
					Division of application	US 2002231212
					Division of application	US 2006514527
					Division of application	US 2007704506
					Division of patent	US 6443359
					Division of patent	US 7100819
					Division of patent	US 7195153
					Division of patent	US 7392937

...Inventor: **SMITH M Alerting Abstract** ...USE - Automated banking machine e.g. automated teller **machine** (**ATM**), bill counter, check acceptor and passbook printer, system for performing a transaction such as dispensing... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0040/00** ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Mark**... ...**Smith, Mark**

5/3,K/6 (Item 6 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0017397336 & & *Drawing available*
WPI Acc no: 2008-C17778/200816
Related WPI Acc No: 2003-687319; 2004-551784; 2004-579744; 2004-579745; 2004-667494; 2004-667495; 2004-667496; 2004-746787; 2005-283713; 2007-008033; 2007-032332; 2007-148350; 2007-521668; 2007-649499; 2007-715949; 2008-C74581; 2008-H26996
XRPX Acc No: N2008-174049
Card activated automated banking machine apparatus e.g. automated teller machine, for use in e.g. customer service environment, has controller comparing data corresponding to determined levels and causing machine to take action
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: **BLACKSON D H**; ENRIGHT J M; JENKINS R; RAMACHANDRAN N

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080041934	A1	20080221	US 2002429478	P	20021126	200816	B
			US 2003601813	A	20030623		
			US 2004560674	P	20040407		
			US 2004832960	A	20040427		
			US 2006454257	A	20060616		
			US 2006853098	P	20061020		
			US 2007975293	A	20071018		

Priority Applications (no., kind, date): US 2002429478 P 20021126; US 2003601813 A 20030623; US 2004560674 P 20040407; US 2004832960 A 20040427; US 2006454257 A 20060616; US 2006853098 P

20061020; US 2007975293 A 20071018

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20080041934	A1	EN	35	22	Related to Provisional	US 2002429478
					C-I-P of application	US 2003601813
					Related to Provisional	US 2004560674
					Continuation of application	US 2004832960
					C-I-P of application	US 2006454257
					Related to Provisional	US 2006853098
					Continuation of patent	US 7118031
					C-I-P of patent	US 7240827
					C-I-P of patent	US 7316348

Inventor: **BLACKSON D H**... **Alerting Abstract** ...shows an isometric external view of an automated banking machine which is an automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Blackson, Dale H**

5/3,K/7 (Item 7 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0017194939 & & *Drawing available*
WPI Acc no: 2008-A15373/200801
Related WPI Acc No: 2003-102262; 2003-119684; 2003-119686
XRPX Acc No: N2008-011951
Card activated automated teller machine operating method for e.g. checking financial account, involves receiving financial account number from financial card e.g. bank card, through operation of card reader
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: PARMELEE C L; **SMITH M D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070276754	A1	20071129	US 2001273996	P	20010307	200801	B
			US 2001319015	P	20011129		
			US 2002683944	A	20020305		
			US 2007800688	A	20070507		

Priority Applications (no., kind, date): US 2001273996 P 20010307; US 2001319015 P 20011129; US 2002683944 A 20020305; US 2007800688 A 20070507

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070276754	A1	EN	27	19	Related to Provisional	US 2001273996
					Related to Provisional	US 2001319015
					Division of application	US 2002683944
					Division of patent	US 7216083

...Inventor: **SMITH M D Alerting Abstract** ...DESCRIPTION OF DRAWINGS - The drawing shows a schematic view of an automated teller **machine** (**ATM**). ... ...10 Automated teller **machine** (**ATM**) **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00**... **G06Q-0040/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Mark D**

5/3,K/8 (Item 8 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0017070468 & & *Drawing available*
WPI Acc no: 2007-785425/200773
Related WPI Acc No: 2000-013297; 2001-006547; 2001-625543; 2004-687760; 2005-784044; 2006-133549; 2006-290253; 2006-679465; 2007-170979; 2007-307207; 2007-637616; 2007-785426; 2007-858127; 2008-A57142; 2008-D49291; 2008-D51260; 2008-K24460
XRPX Acc No: N2007-622819
Automated banking machine e.g. automated teller machine, system for e.g. dispensing cash, has input device and check accepting device of machine to accept certification data and check, for delivering cash in exchange for check
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS (DIEB-N); DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: **BLACKSON D H**; KOLINSKI-SCHULTZ D E; MATEEN A; RAMACHANDRAN N; **SMITH M D**

Patent Family (3 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070235520	A1	20071011	US 2006789644	P	20060405	200773	B
			US 2006795721	P	20060428		
			US 2007732370	A	20070403		
US 7416112	B2	20080826	US 2007732370	A	20070403	200857	E
US 7424972	B2	20080916	US 2000180490	P	20000205	200861	E
			US 2000250269	P	20001130		
			US 2001776503	A	20010202		
			US 2002360675	P	20020301		
			US 2003376952	A	20030227		
			US 2006789644	P	20060405		
			US 2007732371	A	20070403		

Priority Applications (no., kind, date): US 2000180490 P 20000205; US 2000250269 P 20001130; US 2001776503 A 20010202; US 2002360675 P 20020301; US 2003376952 A 20030227; US 2006789644 P 20060405; US 2006795721 P 20060428; US 2007732370 A 20070403; US 2007732371 A 20070403

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070235520	A1	EN	47	11	Related to Provisional	US 2006789644
					Related to Provisional	US 2006795721
US 7424972	B2	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
					C-I-P of application	US 2001776503
					Related to Provisional	US 2002360675
					C-I-P of application	US 2003376952
					Related to Provisional	US 2006789644

Inventor: **BLACKSON D H**... ...**SMITH M D Alerting Abstract** ... for providing cash for a check at an automated banking machine such as automated teller **machine** (**ATM**) located in retail or service facility such as store, gas station, restaurant, bar and gaming... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0040/00** ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Smith, Mark D**... ...**Blackson, Dale H**... ...**Smith, Mark D**... ...**Blackson, Dale H**... ...**Blackson, Dale H**... ...**Smith, Mark D Original Abstracts:**A card actuated automated banking machine (**152, 198, 200**) includes a plurality of **transaction function** devices. The **transaction function** devices include a card reader (**170**), a printer (**174**), a bill dispenser (**176**), a coin... ... A card actuated automated banking machine (**152, 198, 200**) includes a plurality of **transaction function** devices. The **transaction function** devices include a card reader (**170**), a printer (**174**), a bill dispenser (**176**), a coin... ... An automated banking machine (**152**) includes a plurality of **transaction function** devices. The **transaction function** devices include a card reader (**170**), a keypad (**172**), a printer (**174**), a bill dispenser...

5/3,K/9 (Item 9 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0016973115 & & *Drawing available*
WPI Acc no: 2007-688181/200764
Related WPI Acc No: 2002-526989
XRPX Acc No: N2007-540480
Electronic media e.g. music, purchase fulfilling method for e.g. automated teller machine, involves receiving request to dispense media at terminal by wireless communication from server, and preparing and dispensing media to user
Patent Assignee: HENDERSON J (HEND-I); NIELSEN P (NIEL-I); ROSSMANN W D (ROSS-I); SMITH M R (SMIT-I); WALTER M (WALT-I); NCR CORP (NATC)
Inventor: HENDERSON J; NIELSEN P; ROSSMANN W D; **SMITH M R**; WALTER M

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070188804	A1	20070816	US 2001992231	A	20011106	200764	B
			US 2007788088	A	20070419		
US 7426053	B2	20080916	US 2007788088	A	20070419	200861	E

Priority Applications (no., kind, date): GB 200028475 A 20001122; US 2007788088 A 20070419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070188804	A1	EN	12	8	Continuation of application	US 2001992231
					Continuation of patent	US 7233408

...Inventor: **SMITH M R Alerting Abstract** ...and printing of concert tickets, purchase and writing of compact disc, at an automated teller **machine** (**ATM**) (claimed) and kiosk, of a financial institution... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00** ...**G06Q-0020/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Martin R**... ...**Smith, Martin R**

5/3,K/10 (Item 10 from file: 350) **Links**
Fulltext available through: Order File History

0016922550
WPI Acc no: 2007-637616/200760
Related WPI Acc No: 2000-013297; 2001-006547; 2001-625543; 2004-687760; 2005-784044; 2006-133549; 2006-290253; 2006-679465; 2007-170979; 2007-307207; 2007-785425; 2007-785426; 2007-858127; 2008-A57142; 2008-D49291; 2008-D51260; 2008-K24460; 1999-550857
XRPX Acc No: N2007-497846
Automated teller/transaction machine e.g. internet service provider automated teller/transaction machine, for carrying out banking transaction e.g. bill payment, has wireless access device connected to computer
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **DRUMMOND J P**; RAMACHANDRAN N; **SMITH M D**

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070181675	A1	20070809	US 199882299	P	19980417	200760	B
			US 199876051	A	19980511		
			US 1999120506	P	19990217		
			US 1999133579	P	19990511		
			US 2000180490	P	20000205		
			US 2000505594	A	20000216		
			US 2000237812	P	20001004		

			US 2000250269	P	20001130		
			US 2001776503	A	20010202		
			US 2001826675	A	20010405		
			US 2001966932	A	20010927		
			US 2004795926	A	20040308		
			US 2004892257	A	20040714		
			US 2006415531	A	20060502		
			US 2006639660	A	20061215		
US 7445146	B2	20081104	US 2006639660	A	20061215	200875	E

Priority Applications (no., kind, date): US 199882299 P 19980417; US 199876051 A 19980511; US 1999120506 P 19990217; US 1999133579 P 19990511; US 2000180490 P 20000205; US 2000505594 A 20000216; US 2000237812 P 20001004; US 2000250269 P 20001130; US 2001776503 A 20010202; US 2001826675 A 20010405; US 2001966932 A 20010927; US 2004795926 A 20040308; US 2004892257 A 20040714; US 2006415531 A 20060502; US 2006639660 A 20061215

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070181675	A1	EN	21	10	Related to Provisional	US 199882299
					Division of application	US 199876051
					Related to Provisional	US 1999120506
					Related to Provisional	US 1999133579
					Related to Provisional	US 2000180490
					C-I-P of application	US 2000505594
					Related to Provisional	US 2000237812
					Related to Provisional	US 2000250269
					C-I-P of application	US 2001776503
					C-I-P of application	US 2001826675
					Division of application	US 2001966932
					C-I-P of application	US 2004795926
					C-I-P of application	US 2004892257
					C-I-P of application	US 2006415531
					Division of patent	US 6315195
					C-I-P of patent	US 6702181
					Division of patent	US 6796490
					C-I-P of patent	US 7040533
					C-I-P of patent	US 7150393
					C-I-P of patent	US 7201313

Inventor: **DRUMMOND J P**... ...**SMITH M D Alerting Abstract** ...DESCRIPTION OF DRAWINGS - The drawing shows a schematic view representative of a wireless automated teller **machine** (**ATM**) system... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0040/00** ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Smith, Mark D**... ...**Drummond, Jay Paul**... ...**Smith,**

Mark D

5/3,K/11 (Item 11 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0016844459 & & *Drawing available*
WPI Acc no: 2007-559521/200754
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G505 /3,K/26 (Item 26 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014965911 & & *Drawing available*
WPI Acc no: 2005-313708/200532
5/3,K/27 (Item 27 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014907679 & & *Drawing available*
WPI Acc no: 2005-255331/200527
XRPX Acc No: N2005-210093
User assistance method in targeted messaging system, involves providing offer to summon human agent knowledgeable about products associated with message to user, and summoning agent to speak with user in response to offer
Patent Assignee: NCR CORP (NATC); NCR INT INC (NATC)
Inventor: BLACK J S; COUTTS M; FORREST S J; **SMITH M R**

Patent Family (2 patents, 2 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2405963	A	20050316	GB 200321525	A	20030913	200527	B
US 20050060218	A1	20050317	US 2004929256	A	20040830	200527	E

Priority Applications (no., kind, date): GB 200321525 A 20030913

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
GB 2405963	A	EN	34	7	

...Inventor: **SMITH M R Alerting Abstract** ...NOVELTY - An automatic teller **machine** (**ATM**) is provided with an appropriate message by a web server for presenting to a user... ... to other users of terminal such as self-service terminals (SSTs) e.g. automatic teller **machine** (**ATM**), information kiosk, web-enabled personal computer (**PC**), **interactive** television using customer relationship management (CRM) system, in targeted messaging system... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0030/00**... **G06Q-0030/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**SMITH M R**... ...**Smith, Martin R**

; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-256395
Automated banking machine e.g. automated teller machine for wide area network e.g. Internet, has device server with monitor software application monitoring and selectively limiting use and operation of devices in banking machine
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CICHON B A**; COVERT M S; **DRUMMOND J P**; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050080742	A1	20050414	US 199631956	P	19961127	200532	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
			US 2004957287	A	20040930		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 2003738756 A 20031217; US 2004957287 A 20040930

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050080742	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
					Division of application	US 2003738756

Inventor: **BLACKSON D**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D Alerting Abstract** ...is sent via intranet (16) to a device interfacing software portion of an automated teller **machine** (**ATM**). The device server has a monitor software application that monitors and selectively limits the use ... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**...

...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Smith, Mark D**

mputer software that is operative to cause markup language document to be sent to machine, where document includes instruction
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070136196	A1	20070614	US 199631956	P	19961127	200754	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
			US 2001949283	A	20010907		
			US 2006601556	A	20061117		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193637 A 19981117; US 2001949283 A 20010907; US 2006601556 A 20061117

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20070136196	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193637
					Division of application	US 2001949283
					Division of patent	US 6289320
					Division of patent	US 7162449

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W**
Alerting Abstract ...NOVELTY - The machine has an automated banking **machine** (**ATM**) computer for executing computer software, and includes a sheet dispenser mechanism (42). The computer software... ... a computer software is executab5/3,K/31 (Item 31 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014083565 & *Drawing available*
WPI Acc no: 2004-266987/200425
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-

451150; 2002-085/3,K/32 (Item 32 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0013764221 & & *Drawing available*
WPI Acc no: 2003-863236/200380
XRPX Acc No: N2003-689004
Automated banking m5/3,K/33 (Item 33 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0013592454 & & *Draw ing available*
WPI Acc no: 2003-687319/200365
Related WPI Acc No: 2004-551784; 2004-579744; 2004-579745; 2004-667494; 2004-667495; 2004-667496; 2004-746787; 2005-283713; 2007-008033; 2007-032332; 2007-148350; 2007-521668; 2007-649499; 2007-715949; 2008-C17778; 2008-C74581; 2008-H26996
XRPX Acc No: N2003-548992
Image data storage method for automated teller machine, involves capturing image in response to sensed triggering event and storing data which represent event and corresponding image
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: CRANE D A; DIVITA C; **DRUMMOND J P**; ENRIGHT J M; GOLDRING E F; HATHAWAY R; KEHNER T; KNOUFF C; KORTIS J; MARTIN K F; MOTT M; NOVITSKEY R ; RUSSELL M; STEPHENSON B; THOMAS J; VARN K; WILLIAMS D

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6583813	B1	20030624	US 1998103731	P	19981009	200365	B
			US 1999414249	A	19991007		

Priority Applications (no., kind, date): US 1998103731 P 19981009; US 1999414249 A 19991007

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6583813	B1	EN	112	85	Related to Provisional	US 1998103731

...Inventor: **DRUMMOND J P Alerting Abstract** ...storing image data in transaction record system used in automated banking machine like automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0020/00**... **G06Q-0020/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Drummond, Jay Paul**

OWSER R; FORCE M; JUNKINS A; RYAN M; SHIRAH R; **SMITH M D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6648220	B1	20031118	US 2000248382	P	20001114	200380	B
			US 2001993451	A	20011113		

Priority Applications (no., kind, date): US 2000248382 P 20001114; US 2001993451 A 20011113

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6648220	B1	EN	25	13	Related to Provisional	US 2000248382

...Inventor: **SMITH M D Alerting Abstract** ...NOVELTY - The automated banking machine e.g. automated teller **machine** (**ATM**) has a controller and a cash dispenser within a lockable housing. The controller communicates with... USE - Automated banking machines e.g. automated teller **machine** (**ATM**) used in electronic financial transactions such as credit/debit transactions including cash withdrawals, deposits, account... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0030/00**... **G06Q-0030/00**... Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Mark D** ...**Original Abstracts:**and configurations. The machine includes a bill dispenser (**42**), a receipt printer (**66**) and other **transaction function** devices. The machine further includes a user interface (**16**) including **input and** output devices which customers may use to carry out transactions. The machine is configured to...

05; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2004-210993
Internet based automated banking machine configuration method involves dispensing cash upon receiving authorization signal from host system in response to encrypted personal identification number sent from banking machine
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: DOLAND A; **SMITH M D**; ZAJKOWSKI T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6705517	B1	20040316	US 199631956	P	19961127	200425	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2001285724	P	20010423		
			US 2002126140	A	20020419		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 2001285724 P 20010423; US 2002126140 A 20020419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6705517	B1	EN	29	15	Related to Provisional	US 199631956
					Continuation of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193787
					Related to Provisional	US 2001285724

...Inventor: **SMITH M D Alerting Abstract** USE - For configuring automated banking machine e.g. automated teller **machine** (**ATM**) and other **machines** which print or dispense items of value such as coupon, ticket, wagering slip, voucher, check... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Smith, Mark D**

b A... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James Claims:**We claim:**1**. A system including:an automated teller **machine** (**ATM**) including a sheet dispenser,wherein the ATM includes at least one ATM computer,wherein the...

5/3,K/12 (Item 12 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

5/3,K/36 (Item 36 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0013040520 & & *Drawing available*
WPI Acc no: 2003-119684/200311
Related WPI Acc No: 2003-102262; 2003-119686; 2008-A15373
XRPX Acc No: N2003-095337
Electronic document storing and signing apparatus causes electronic document to be digitally signed with private key in response to suitable input through input device
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: PARMELEE C L; **SMITH M D**

Patent Family (7 patents, 36 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020128969	A1	20020912	US 2001273996	P	20010307	200311	B
			US 2001319015	P	20011129		
			US 2002683942	A	20020305		
WO 2002073341	A2	20020919	WO 2002US6826	A	20020306	200311	E
EP 1366408	A2	20031203	EP 2002717555	A	20020306	200380	E
			WO 2002US6826	A	20020306		
BR 200207789	A	20040309	BR 20027789	A	20020306	200420	E
			WO 2002US6826	A	20020306		
MX 2003008055	A1	20040101	MX 20038055	A	20030905	200471	E
			WO 2002US6826	A	20020306		
RU 2258256	C2	20050810	RU 2003129649	A	20020306	200555	E
			WO 2002US6826	A	20020306		
US 7451116	B2	20081111	US 2002683942	A	20020305	200903	E

Priority Applications (no., kind, date): US 2001273996 P 20010307; US 2001319015 P 20011129; US 2002683942 A 20020305

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020128969	A1	EN	38	19	Related to Provisional	US 2001273996
					Related to Provisional	US 2001319015
WO 2002073341	A2	EN				

National Designated States,Original	BR CA CN CO IN MX PL RU ZA					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
EP 1366408	A2	EN			PCT Application	WO 2002US6826
					Based on OPI patent	WO 2002073341
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
BR 200207789	A	PT			PCT Application	WO 2002US6826
					Based on OPI patent	WO 2002073341
MX 2003008055	A1	ES			PCT Application	WO 2002US6826
					Based on OPI patent	WO 2002073341
RU 2258256	C2	RU			PCT Application	WO 2002US6826
					Based on OPI patent	WO 2002073341

...Inventor: **SMITH M D Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0099/00** ...**G06Q-0099/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**SMITH M D**... ...**SMITH, Mark D**... ...**SMITH M D**... ...**Smith, Mark D**... ...**Smith, Mark D**... ...**SMITH, Mark D** ...**Claims:**What is claimed is: 1. An apparatus comprising: an automated teller **machine** (**ATM**), wherein the ATM includes: at least one computer processor in the ATM; at least one...

23; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2007-160665
Terminal master key installing method for automated banking machine e.g. ATM, involves receiving encrypted terminal master key from host system, validating with host system's public key and decrypting with ATM's private key
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: DOLAND A; **SMITH M D**; ZAJKOWSKI T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7159114	B1	20070102	US 2001285724	P	20010423	200722	B
			US 2002126728	A	20020419		

Priority Applications (no., kind, date): US 2001285724 P 20010423; US 2002126728 A 20020419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7159114	B1	EN	32	15	Related to Provisional	US 2001285724

Terminal master key installing method for automated banking machine e.g. ATM, involves receiving encrypted terminal master key from host system, validating with host system's public... ...Inventor: **SMITH M D Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0099/00**... Original Publication

5/3,K/13 (Item 13 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0016454751 & & *Drawing available*
WPI Acc no: 2007-170979/200717
5/3,K/40 (Item 40 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0011145418 & & *Drawing available*
WPI Acc no: 2002-082318/200211
Related WPI Acc No: 1998-322937; 2000-015485/3,K/41 (Item 41 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0011000386 & & *Drawing available*
WPI Acc no: 2001-625543/200172
Related WPI Acc No: 2000-013297; 2001-006547; 2004-687760; 2005-784044; 2006-133549; 2006-290253; 2006-679465; 2007-170979; 2007-307207; 2007-637616; 2007-785425; 2007-785426; 2007-858127; 2008-A57142; 2008-D49291; 2008-D51260; 2008-K24460
XRPX Acc No: N2001-466278
5/3,K/42 (Item 42 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0010833529 & & *Drawing available*
WPI Acc no: 2001-451150/200148
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2001-334047
Customer authentication method for Internet based commercial transactions, involves retrieving identity data from card, based on which visual indication is output
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: BLAKESLEE T; BODAPATLA R R; **CHURCH J R**; **CICHON B A**; DONGARA A ;

DRUMMOND J P; **GILGER M R**; MOALES M A; MYANA J; **SMITH M D**; **WEIS D**; RODAPATLA R R

Patent Family (17 patents, 29 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001006338	A2	20010125	WO 2000US19699	A	20000719	200148	B
BR 200012606	A	20020409	BR 200012606	A	20000719	200232	E
			WO 2000US19699	A	20000719		
EP 1204908	A2	20020515	EP 2000948793	A	20000719	200239	E
			WO 2000US19699	A	20000719		
ZA 200110086	A	20021127	ZA 200110086	A	20011207	200305	E
CN 1399751	A	20030226	CN 2000812864	A	20000719	200337	E
MX 2002000701	A1	20030701	MX 2002701	A	20020118	200366	E
			WO 2000US19699	A	20000719		
CA 2478548	A1	20010125	CA 2377594	A	20000719	200474	E
			CA 2478548	A	20000719		
CA 2478552	A1	20010125	CA 2377594	A	20000719	200474	E
			CA 2478552	A	20000719		
CA 2478557	A1	20010125	CA 2377594	A	20000719	200474	E
			CA 2478557	A	20000719		
US 20050038747	A1	20050217	US 199631956	P	19961127	200514	E
			WO 1997US21422	A	19971125		
			US 1998193787	A	19981117		
			US 2000638847	A	20000814		
			US 2004936242	A	20040907		
RU 2255371	C2	20050627	RU 2002104360	A	20000719	200543	E
			WO 2000US19699	A	20000719		
IN 200101641	P3	20060106	IN 2001MN1641	A	20011224	200615	E
			WO 2000US19699	A	20000719		
IN 200500387	P3	20060519	IN 2001MN1641	A	20011224	200643	E
			IN 2005MN387	A	20050506		
			WO 2000US19699	A	20000719		
MX 237093	B	20060523	MX 2002701	A	20020118	200670	E
			WO 2000US19699	A	20000719		
CA 2478557	C	20070417	CA 2377594	A	20000719	200729	E
			CA 2478557	A	20000719		
CA 2377594	C	20070710	CA 2377594	A	20000719	200747	E
			WO 2000US19699	A	20000719		
CN 1324506	C	20070704	CN 2000812864	A	20000719	200803	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 1998193787 A 19981117; US 1999144761 P 19990720; US 1999149765 P 19990819; US 2000638847 A 20000814; US 2004936242 A 20040907

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2001006338	A2	EN	190	59	
National Designated States,Original	BR CA CN IN JP MX PL RU US ZA				
Regional Designated	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE				

States,Original						
BR 200012606	A	PT			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
EP 1204908	A2	EN			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
ZA 200110086	A	EN	213			
MX 2002000701	A1	ES			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
CA 2478548	A1	EN			Division of application	CA 2377594
CA 2478552	A1	EN			Division of application	CA 2377594
CA 2478557	A1	EN			Division of application	CA 2377594
US 20050038747	A1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 1998193787
					Division of application	US 2000638847
RU 2255371	C2	RU			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
IN 200101641	P3	EN			PCT Application	WO 2000US19699
IN 200500387	P3	EN			Division of application	IN 2001MN1641
					PCT Application	WO 2000US19699
MX 237093	B	ES			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338
CA 2478557	C	EN			Division of application	CA 2377594
CA 2377594	C	EN			PCT Application	WO 2000US19699
					Based on OPI patent	WO 2001006338

5/3,K/46 (Item 46 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0010254452 & *Drawing available*
WPI Acc no: 2000-566701/200053
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-418610
Automated banking apparatus that can be used in wide area network such as Internet has transaction function device that carries out the transaction function responsive to browser processing HTML document
Patent Assignee: DIEBOLD INC (DIEB-N)

Inventor: **BLACKSON D**; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M**; **SMITH M D**; **WEIS D W**; WEISS D W

Patent Family (2 patents, 26 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1030275	A2	20000823	EP 1999303396	A	19990430	200053	B
BR 199901646	A	20000912	BR 19991646	A	19990527	200051	E

Priority Applications (no., kind, date): US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193564 A 19981117

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 1030275	A2	EN	76	31	
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
BR 199901646	A	PT			

Automated banking apparatus that can be used in wide area network such as Internet has transaction function device that carries out the transaction function responsive to browser processing HTML document Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M**... ...**SMITH M D**... ...**WEIS D W Alerting Abstract** ...NOVELTY - A browser processes HTML documents that include instructions in it. A **transaction function** device carries out the **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device. **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00** ...**G06Q-0020/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Smith, Mark**... ...**Weis, David W**... ...**Church James**

06Q-0020/00... ...G06Q-0020/00... ...G06Q-0020/00... ...G06Q-0030/00 Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**CHURCH J R... ...CICHON B A... ...SMITH M D... ...GILGER M R... ...WEIS D ...Claims:**a cash dispenser in operative connection with the at least one processor;a plurality of **transaction function** devices in operative connection with the at least one processor;at least one data store... ... to at least one sequence for use of at least two of the plurality of **transaction function** devices, wherein each of the at least two **transaction function** devices is capable of carrying out a first **transaction function;**wherein the at least one processor is operative to select a first **transaction function** device from among the at least two **transaction function** devices responsive to data corresponding to a first rule stored in the at least one data store, wherein the at least one processor is operative to cause the selected first **transaction function** device to perform the first **transaction function.>**

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001057617	A2	EN	42	3		
National Designated States,Original	BR CA CN IN MX PL RU ZA					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
US 20010044747	A1	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
US 20020013771	A1	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
US 6457640	B2	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
BR 200107981	A	PT			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
MX 2002006941	A1	ES			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
ZA 200205178	A	EN	54			
EP 1410270	A2	EN			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
Regional Designated States,Original	DE ES FR GB IT					
RU 2236037	C2	RU			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
US 20060080253	A1	EN			Related to Provisional	US 2000180490
					Related to Provisional	US 2000250269
					Division of application	US 2001776503
CA 2397452	C	EN			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617
MX 236066	B	ES			PCT Application	WO 2001US3597
					Based on OPI patent	WO 2001057617

Inventor: **BLACKSON D... ...CHURCH J R... ...SMITH M... ...SMITH M D Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **...G06Q-0020/00... ...G06Q-0020/00... ...G06Q-0040/00... ...G06Q-0040/00... ...G06Q-0040/00 ...G06Q-0020/00... ...G06Q-0020/00... ...G06Q-0040/00... ...G06Q-0040/00... ...G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**BLACKSON D... ...CHURCH J R... ...SMITH M D... ...BLACKSON D... ...CHURCH J R... ...SMITH M D... ...BLACKSON, Dale... ...CHURCH, James, R... ...SMITH, Mark, D... ...SMITH M D... ...BLACKSON D... ...CHURCH J R... ...SMITH M D... ...BLACKSON D... ...CHURCH J R... ...Blackson, Dale... ...Church, James R... ...Smith, Mark... ...Blackson, Dale... ...Church, James R... ...Smith, Mark... ...Blackson, Dale... ...Church, James R... ...Smith, Mark... ...BLACKSON, Dale... ...CHURCH, James, R... ...SMITH, Mark, D... ...BLACKSON D... ...CHURCH J R... ...SMITH M D Original Abstracts:**An automated teller **machine** (**ATM**) (10) includes an input device (16) a card reader (20), a cash dispenser (24), and... ... An automated teller **machine** (**ATM**) (**10**) includes an input device (**16**) a card reader (**20**), a cash dispenser (**24**), and... ... An automated teller **machine** (**ATM**) (**10**) includes an input device (**16**) a card reader (**20**), a cash dispenser (**24**), and... ... An automated teller **machine** (**ATM**) (**10**) includes an input device (**16**) a

card reader (**20**), a cash dispenser (**24**), and div xhtml:class="paragraph">An automated teller **machine** (**ATM**) (**10**) includes an input device (**16**) a card reader (**20**), a cash dispenser (**24**), and... ... An automated teller **machine** (**ATM**) (10) includes an input device (16) a card reader (20), a cash dispenser (24), and an output device (18). The...

3; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2002-061349
Automated transaction machine e.g. cash dispenser for bank, controls transaction effected through different interfaces based on terminal application and activation of respective interface components
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: BLOCK J; CWIKLA J; **DRUMMOND J P**; REED B; SHEPLEY S; **SMITH M D** ; USNER R; CUIKLA J

Patent Family (12 patents, 30 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010037301	A1	20011101	US 199631956	P	19961127	200211	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
			US 2000207043	P	20000525		
			US 2001863911	A	20010523		
WO 2001090850	A2	20011129	WO 2001US16775	A	20010523	200211	E
EP 1301845	A2	20030416	EP 2001941581	A	20010523	200328	E
			WO 2001US16775	A	20010523		
BR 200111112	A	20030415	BR 200111112	A	20010523	200334	E
			WO 2001US16775	A	20010523		
ZA 200208343	A	20030730	ZA 20028343	A	20021016	200355	E
CN 1430761	A	20030716	CN 2001810062	A	20010523	200363	E
MX 2002010682	A1	20030201	MX 200210682	A	20021029	200413	E
			WO 2001US16775	A	20010523		
RU 2251730	C2	20050510	RU 2002134905	A	20010523	200532	E
			WO 2001US16775	A	20010523		
MX 224980	B	20041215	MX 200210682	A	20021029	200561	E
			WO 2001US16775	A	20010523		
CN 1204518	C	20050601	CN 2001810062	A	20010523	200643	E
IN 200500914	P3	20070706	IN 2002MN1488	A	20020124	200769	E
			IN 2005MN914	A	20050818		
			WO 2001US16775	A	20010523		
US 7341177	B2	20080311	US 199631956	P	19961127	200820	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
			US 2000207043	P	20000525		
			US 2001863911	A	20010523		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193637 A 19981117; US 2000207043 P 20000525; US 2001863911 A 20010523

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20010037301	A1	EN	14	4	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193637
					Related to Provisional	US 2000207043
					C-I-P of patent	US 6289320
WO 2001090850	A2	EN				
National Designated States,Original	BR CA CN CO IN MX PL RU ZA					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
EP 1301845	A2	EN			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
BR 200111112	A	PT			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850
ZA 200208343	A	EN	43			
MX 2002010682	A1	ES			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850
RU 2251730	C2	RU			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850
MX 224980	B	ES			PCT Application	WO 2001US16775
					Based on OPI patent	WO 2001090850
IN 200500914	P3	EN			Division of application	IN 2002MN1488
					PCT Application	WO 2001US16775
US 7341177	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193637
					Related to Provisional	US 2000207043

...Inventor: **DRUMMOND J P**... ...**SMITH M D Alerting Abstract** ...NOVELTY - A **device driver** interface includes a driver which is operated in response to extension for financial services (XFS... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name &

address:**DRUMMOND J P... ...SMITH M D... ...DRUMMOND, Jay, Paul... ...SMITH, Mark, D... ...SMITH M D... ...DRUMMOND J P... ...SMITH M D... ...DRUMMOND J P... ...Drummond, Jay Paul... ...Smith, Mark D... ...Drummond, Jay Paul... ...Smith, Mark D... ...DRUMMOND, Jay, Paul... ...SMITH, Mark, D... ...DRUMMOND J P... ...SMITH M D ...Original Abstracts:**software and hardware platform architecture. The machine includes a computer (22) and a plurality of **transaction function** devices (32) in operative connection with the computer. The machine further includes a plurality of **device driver** components (38) that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS layer (28) to control the operation of the **transaction function** devices. The machine further includes a terminal application (22) and an ODS layer (26). The ODS layer includes a plurality of ODS components (36) that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer... ... software and hardware platform architecture. The machine includes a computer (**22**) and a plurality of **transaction function** devices (**32**) in operative connection with the computer. The machine further includes a plurality of **device driver** components (**38**) that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS layer (**28**) to control the operation of the **transaction function** devices. The machine further includes a terminal application (**22**) and an ODS layer (**26**). The ODS layer includes a plurality of ODS components (**36**) that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer... ... software and hardware platform architecture. The machine includes a computer (**22**) and a plurality of **transaction function** devices (**32**) in operative connection with the computer. The machine further includes a plurality of **device driver** components (**38**) that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS layer (**28**) to control the operation of the **transaction function** devices. The machine further includes a terminal application (**22**) and an ODS layer (**26**). The ODS layer includes a plurality of ODS components (**36**) that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer... ... software and hardware platform architecture. The machine includes a computer (22) and a plurality of **transaction function** devices (32) in operative connection with the computer. The machine further includes a plurality of **device driver** components (38) that generally correspond to each of the **transaction function** devices. The **device drivers** are operative responsive to communication from an XFS layer (28) to control the operation of the **transaction function** devices. The machine further includes a terminal application (22) and an ODS layer (26). The ODS layer includes a plurality of ODS components (36) that generally correspond to the **device drivers** and/or **transaction function** devices. The ODS components responsive to the terminal application are operative to have the **device drivers** control the operation of the **transaction function** devices through communication with the XFS layer... **Claims:**We claim:**1.** An automated transaction machine comprising:at least one computer;at least one **transaction function** device, in operative connection with the computer;an XFS layer operative in the computer;a **device driver** layer operative in the computer, wherein the **device driver** layer is operative responsive to the XFS layer to control the operation of the **transaction function** device, wherein the **device driver** layer includes at least one **device driver** component that corresponds to the **transaction function** device;an Open Device Services (ODS) layer operative in the computer, wherein the XFS layer is operative responsive to the ODS layer to communicate with

the **device driver** layer, wherein the ODS layer includes at least one ODS component that corresponds to the **device driver** component; anda terminal application operative in the computer, wherein the ODS component is operative responsive to the terminal application to control the operation of the **transaction function** device through communication with the XFS layer... ... We claim:1. An automated transaction machine comprising: at least one computer;at least one **transaction function** device; of a first type, wherein the at least one **transaction function** device is capable of operation to carry out at least one first **transaction function**, wherein the at least one **transaction function** device is in operative connection with the at least one computer;an extensions for financial services (XFS) software layer operative in the at least one computer;a **device driver** software layer operative in the at least one computer, wherein the **device driver** layer is operative responsive to the XFS layer to control operation of the at least one **transaction function** device, wherein the **device driver** layer includes at least one of a plurality of differently programmed **device driver** software components, wherein each respective **device driver** component is operative to control a corresponding **transaction function** device of the first type, wherein a plurality of mechanically different devices of the first... ... of being operated in automated transaction machines to carry out the at least one first **transaction function**, wherein at least one first **device driver** component included in the **device driver** layer of the machine is operative to control the at least one **transaction function** device of the machine;an Open Device Services (ODS) software layer, wherein at least a... ... wherein the XFS layer is operative responsive to the ODS layer to communicate with the **device driver** layer, and wherein the ODS layer includes a plurality of differently programmed ODS software components... ... ODS component is operative in conjunction with a respective corresponding one of the plurality of **device driver** components, wherein the at least a portion of the ODS layer installed in operative connection... ... one first ODS component adapted to operate in conjunction with the at least one first **device driver** component; anda terminal software application operative in the at least one computer, wherein the... ... at least one communication from the terminal application to cause the at least one first **device driver** component to cause the at least one **transaction function** device of the machine to carry out the at least one first **transaction function** responsive to communication through the XFS layer, wherein a plurality of ODS components included in... ... at least one communication through the XFS layer is capable of causing a respective corresponding **device driver** component to cause a respective one of a plurality of mechanically different **transaction function** devices to carry out a common at least one **transaction function.>**

Automated teller machine apparatus for banking transaction, has wireless access hub enabling banking machine to communicate with wireless devices, where computer enables devices to initiate transactions with machine at same time

Patent Assignee: DIEBOLD INC (DIEB-N)

Inventor: **DRUMMOND J P; SMITH M D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7150393	B1	20061219	US 2000237812	P	20001004	200717	B
			US 2001966932	A	20010927		
			US 2004892257	A	20040714		

Priority Applications (no., kind, date): US 2000237812 P 20001004; US 2001966932 A 20010927; US 2004892257 A 20040714

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7150393	B1	EN	13	7	Related to Provisional	US 2000237812
					Division of application	US 2001966932
					Division of patent	US 6796490

Inventor: **DRUMMOND J P... ...SMITH M D Alerting Abstract ...**NOVELTY - The apparatus has **transaction function** devices (102) in a banking machine and in operative connection with a computer, where one **transaction function** device comprises a cash dispenser. A wireless access hub (84) enables the machine to communicate... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0020/00**... ...**G06Q-0040/00 G06Q-0020/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Smith, Mark D Claims**:We claim:1. Apparatus comprising:an automated banking machine including a computer;a plurality of **transaction function** devices in the banking machine and in operative connection with the computer, wherein at least one **transaction function** device comprises a cash dispenser; anda wireless access hub in operative connection with the...

5/3,K/14 (Item 14 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0016192022 & & *Drawing available*
WPI Acc no: 2006-723663/200675
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-568506
Automated teller machine (ATM) configuration method involves sending encrypted message containing terminal master key from host system to ATM and validating digital signature indicating acceptance of terminal master key by ATM
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: DOLAND A; **SMITH M D**; ZAJKOWSKI T

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7110986	B1	20060919	US 2001285724	P	20010423	200675	B
			US 2002126729	A	20020419		

Priority Applications (no., kind, date): US 2001285724 P 20010423; US 2002126729 A 20020419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7110986	B1	EN	34	15	Related to Provisional	US 2001285724

Automated teller machine (ATM) configuration method involves sending encrypted message containing terminal master key from host system to ATM... ... Inventor: **SMITH M D Alerting Abstract ...**NOVELTY - The certificate of an automated teller **machine** (**ATM**) signed by a certificate authority (CA) is validated using the public key of the CA... ...USE - For configuring automated teller **machine** (**ATM**)**. Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0090/00... G06Q-0090/00...** Original Publication Data by AuthorityArgentina**Publication No. ...**Inventor name & address:**Smith, Mark D**

5/3,K/15 (Item 15 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015979490 & & *Drawing available*
WPI Acc no: 2006-511158/200652
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-409372
Article comprising program for providing interface in automated banking machine, stores instructions for operating computer to enable device outside automated teller machine to access hypertext markup language document
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CHURCH J**; **CICHON B A**; COVERT M S; **DRUMMOND J P**; EL-KAISSI O; GRISWOLD G K; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C; USNER R E; BRADRICK L Q; GRISWALD G K

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060143120	A1	20060629	US 199631956	P	19961127	200652	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193647	A	19981117		
			US 2006356818	A	20060217		
US 7251626	B2	20070731	US 2006356818	A	20060217	200752	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P

19980807; US 199898907 P 19980902; US 1998193647 A 19981117; US 2006356818 A 20060217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20060143120	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193647
					Division of patent	US 7003492

Original Titles:Apparatus and method for indicating the status of **transaction function** devices in an automated banking machine... ...Apparatus and method for indicating the status of **transaction function** devices in an automated banking machine Inventor: **BLACKSON D... ...CHURCH J... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D Alerting Abstract** ...NOVELTY - A hypertext markup language (HTML) document comprising indicia corresponding to status of **transaction function** device of the automated teller **machine** (**ATM**) is produced through operation of a computer in the transaction machine. The computer is operated... USE - For providing user interface in automated banking machine such as automated teller **machine** (**ATM**) in wide area network such as internet... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00... ...G06Q-0099/00 G06Q-0040/00... ...G06Q-0099/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Blackson, Dale... ...Smith, Mark D... ...Cichon, Bob A... ...Church, James... ...Drummond, Jay Paul... ...Blackson, Dale... ...Smith, Mark D... ...Cichon, Bob A... ...Church, James... ...Drummond, Jay Paul Original Abstracts**:An automated banking machine includes a plurality of **transaction function** devices, including a cash dispenser. The machine can generate an HTTP record including indicia representative of an operational status of at least one **transaction function** device. The machine includes a server. The HTTP record can be accessed through the server... ... external of the machine. The indicia can be generated responsive to a malfunction of a **transaction function** device. The indicia can be representative of the malfunction... ... An automated banking machine includes a plurality of **transaction function** devices, including a cash dispenser. The machine can generate an HTTP record including indicia representative of an operational status of at least one **transaction function** device. The machine includes a server. The HTTP record can be accessed through the server... ... external of the machine. The indicia can be generated responsive to a malfunction of a **transaction function** device. The indicia can be representative of the malfunction. ...**Claims**:at least one markup language document including indicia corresponding to status of at least one **transaction function** device of the automated transaction machine; and(b) operating the at least one computer of... ... indicia corresponding to status representative of a fault which has occurred in at least one **transaction function** device of the automated transaction machine; and(b) operating the at least one computer of...

5/3,K/16 (Item 16 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015959703 & & *Drawing available*
WPI Acc no: 2006-491370/200650
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-396513
Banking transaction performing article, has instructions for operating transaction machine responsive to accessed mark up language document, where each transaction function device in machine carries out respective function
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D; CHURCH J; CICHON B A; DRUMMOND J P;** ESS J C; MOALES M A; **SMITH M D; WEIS D W**

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060136336	A1	20060622	US 199631956	P	19961127	200650	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193565	A	19981117		
			US 2005270392	A	20051108		
US 7333954	B2	20080219	US 199631956	P	19961127	200822	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193565	A	19981117		
			US 2005270392	A	20051108		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193565 A 19981117; US 2005270392 A 20051108

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20060136336	A1	EN	56	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193565

US 7333954	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193565
					Division of patent	US 7062464

...**has instructions for operating transaction machine responsive to accessed mark up language document, where each transaction function device in machine carries out respective function** Inventor: **BLACKSON D... ...CHURCH J... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D W Alerting Abstract** ...The article has instructions to access a mark up language document corresponding to availability of **transaction function** devices of an automated transaction machine (12) in response to operation of a browser of the machine. Each respective available **transaction function** device carries out a respective different type of **transaction function.** The machine is operated responsive to the accessed document. ...transaction options of user`s home institution at machines operated by foreign institutions. The available **transaction function** devices are selectively operative to carry out respective different types of **transaction functions** at a rapid pace, thus providing users with a wider variety of printed documents and... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00...** ...**G06Q-0099/00 G06Q-0040/00...** ...**G06Q-0099/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Weis, David W... ...Smith, Mark D... ...Church, James... ...Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Weis, David W... ...Smith, Mark D... ...Church, James Original Abstracts:**An automated banking machine includes at least one browser and **transaction function** devices, including a currency dispenser device. The machine can be operated in a modified mode... ... to communicate with one or more servers. Data indicative of the availability of the certain **transaction functional** devices can be communicated to a server. One or more mark up language documents containing data and/or instructions that correspond to the operational availability to the machine of the **transaction functional** devices can be accessed. The machine can then be operated responsive to the data and... ... example, the machine may change its display output to a customer to reflect its current **transaction functional** device status. Customer transaction options can be readily changed via machine/server communication on a... ... An automated banking machine includes at least one browser and **transaction function** devices, including a currency dispenser device. The machine can be operated in a modified mode... ... to communicate with one or more servers. Data indicative of the availability of the certain **transaction functional** devices can be communicated to a server. One or more mark up language documents containing data and/or instructions that correspond to the operational availability to the machine of the **transaction functional** devices can be accessed. The machine can then be operated responsive to the data and... ... example, the machine may change its display output to a customer to reflect its current **transaction functional** device status. Customer transaction options can be readily changed via machine/server communication on a... ...**Claims:**executable instructions operative to cause at least one computer in an automated transaction machine including **transaction function** devices to carry out a method comprising:(a) accessing responsive to operation of at least... ... transaction machine, at least one mark up language document which corresponds to the availability of **transaction function** devices of the machine, wherein the machine includes at least one

available **transaction function** device, wherein each respective available **transaction function** device is selectively operative to carry out a respective different type of **transaction function**; and(b) operating the automated transaction machine responsive to the at least one mark up... ... executable instructions operative to cause at least one computer in an automated transaction machine including **transaction function** devices, to carry out a method comprising: (a) accessing responsive to operation of at least... ... the at least one mark up language document corresponds to availability of at least one **transaction function** device of the machine, wherein the machine includes different types of **transaction function** devices, wherein the machine includes at least one available **transaction function** device, wherein each respective available **transaction function** device is selectively operative to carry out a respective different type of **transaction function**, wherein at least a portion of the address is indicative of at least one of the types of **transaction function** devices of the machine; and(b) operating the automated transaction machine responsive to the at...

5/3,K/17 (Item 17 from file: 350) **Links**
Fulltext available through: Order File History

0015881426 & & *Drawing available*
WPI Acc no: 2006-413103/200642
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-342094
Operation method of automatic teller machine, involves displaying data read from customer card corresponding to entity
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **CHURCH J R; CICHON B A; DRUMMOND J P; GILGER M R; SMITH M D; WEIS D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050119974	A1	20050602	US 199631956	P	19961127	200642	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 1999144761	P	19990720		
			US 2000578291	A	20000525		
			US 200533601	A	20050112		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 1999144761 P 19990720; US 2000578291 A

20000525; US 200533601 A 20050112

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050119974	A1	EN	63	35	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193787
					Related to Provisional	US 1999144761
					Division of application	US 2000578291

Inventor: **CHURCH J R... ...CICHON B A... ...DRUMMOND J P... ...GILGER M R... ...SMITH M D... ...WEIS D Alerting Abstract** ...involves reading a customer card corresponding to an entity, through a processor of automatic teller **machine** (**ATM**) (12). The read data is displayed on a display of ATM. ...USE - For operating automatic teller **machine** (**ATM**) connected to internet, intranet or wide area network (WAN... ...36 **transaction function** device... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Cichon, Bob A... ...Smith, Mark D... ...Weis, David... ...Church, James R... ...Gilger, Mikal R ...Original Abstracts:**The devices include a sheet dispenser mechanism (**42**) which dispenses currency as well as other **transaction function** devices. The device application portion communicates with a device interfacing software portion (**64**) in the...

5/3,K/18 (Item 18 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015881425 & & *Drawing available*
WPI Acc no: 2006-413102/200642
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-342093
Automated teller machine has device application portion that interfaces with HTML document handling portion and dispatches messages to operate sheet dispenser mechanism
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D; CHURCH J; CICHON B A; DRUMMOND J P;** ESS J C; MOALES M A; **SMITH M D; WEIS D W**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050119973	A1	20050602	US 199631956	P	19961127	200642	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193638	A	19981117		
			US 2002223693	A	20020819		
			US 20043821	A	20041203		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193638 A 19981117; US 2002223693 A 20020819; US 20043821 A 20041203

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050119973	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193638
					Division of application	US 2002223693
					Division of patent	US 6470326
					Division of patent	US 6839688

Inventor: **BLACKSON D... ...CHURCH J... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D W Alerting Abstract** USE - Automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Weis, David W... ...Smith, Mark D... ...Church, James**

5/3,K/19 (Item 19 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015728363 & & *Drawing available*
WPI Acc no: 2006-290253/200630
Related WPI Acc No: 2000-013297; 2001-006547; 2001-625543; 2004-687760; 2005-784044; 2006-133549; 2006-679465; 2007-170979; 2007-307207; 2007-637616; 2007-785425; 2007-785426; 2007-858127; 2008-A57142; 2008-D49291; 2008-D51260; 2008-K24460
XRPX Acc No: N2006-247211
Portable wireless device e.g. notebook computer has output device which outputs human perceivable message which is operative to prompt user to approach automated

teller machine, in response to message received from automated teller machine
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **DRUMMOND J P; SMITH M D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7025256	B1	20060411	US 2000237812	P	20001004	200630	B
			US 2001966932	A	20010927		
			US 2004891757	A	20040715		

Priority Applications (no., kind, date): US 2000237812 P 20001004; US 2001966932 A 20010927; US 2004891757 A 20040715

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7025256	B1	EN	12	7	Related to Provisional	US 2000237812
					Division of application	US 2001966932
					Division of patent	US 6796490

Inventor: **DRUMMOND J P... ...SMITH M D Alerting Abstract** ...communication system, communicates one message representative of a request to perform transaction with automated teller **machine** (**ATM**), to **ATM** including a cash dispenser. An output device on the portable device, outputs a human perceivable... ...DESCRIPTION OF DRAWINGS - The figure shows the schematic view of the wireless automated teller **machine** (**ATM**) system... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0020/00... G06Q-0020/00...** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Smith, Mark D**

5/3,K/20 (Item 20 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015543985 & & *Drawing available*
WPI Acc no: 2006-108138/200611
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-093873
Automated banking machine e.g. automatic teller machine, instructs display device to display response corresponding to instructions in at least one document processed by at least one of browsers operating on computer

Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **CICHON B A; DRUMMOND J P; SMITH M D; WEIS D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060010063	A1	20060112	US 199631956	P	19961127	200611	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 1999144761	P	19990720		
			US 2000578312	A	20000525		
			US 2005226540	A	20050914		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 1999144761 P 19990720; US 2000578312 A 20000525; US 2005226540 A 20050914

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20060010063	A1	EN	63	35	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193787
					Related to Provisional	US 1999144761
					Division of application	US 2000578312

Inventor: **CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00... G06Q-0040/00...** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Cichon, Bob A... ...Smith, Mark D... ...Weis, David ...Original Abstracts:**instructions in mark up language documents accessed at an HTTP address to cause operation of **transaction function** devices, such as a currency dispenser (**42**) and a display device (**196**).

5/3,K/21 (Item 21 from file: 350) **Links**
Fulltext available through: Order File History

0015543984 & & *Drawing available*
WPI Acc no: 2006-108137/200611
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-

566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2006-093872
Article comprising recorded medium for automated teller machine, stores instructions for conducting transactions in response to mark up language documents accessed at HTTP address, and transfer control protocol/internet protocol messages
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **CICHON B A; DRUMMOND J P; SMITH M D; WEIS D**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060010062	A1	20060112	US 199631956	P	19961127	200611	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 1999144761	P	19990720		
			US 2000578312	A	20000525		
			US 2005226104	A	20050914		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 1999144761 P 19990720; US 2000578312 A 20000525; US 2005226104 A 20050914

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20060010062	A1	EN	63	35	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					C-I-P of application	US 1998193787
					Related to Provisional	US 1999144761
					Division of application	US 2000578312

Inventor: **CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D Alerting Abstract** USE - Article comprising recorded medium for operating automated teller **machine (ATM). Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0040/00... G06Q-0040/00...** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Cichon, Bob A... ...Smith, Mark D... ...Weis, David ...Original Abstracts:**instructions in mark up language documents accessed at an HTTP address to cause operation of **transaction function** devices, such as a

currency dispenser (**42**) and a display device (**196**). ...**Claims**:of an automated banking machine, the automated banking machine including a computer, at least one **transaction function** device in operative connection with the computer, and a plurality of browsers operating in the computer:(b) operating at least one **transaction function** device of the automated banking machine responsive to instructions in the at least one document...

5/3,K/22 (Item 22 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0015306854 & & *Drawing available*
WPI Acc no: 2005-657036/200567
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-538292
Automated banking machine e.g. automatic teller machine has computer which operates with respect to generated function key input signal generated, to generate mouse input stream signal including data related to mouse input location
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D; CHURCH J; CICHON B A; DRUMMOND J P;** ESS J C; MOALES M A; **SMITH M D; WEIS D W; CICHON B**

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050203847	A1	20050915	US 199631956	P	19961127	200567	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193624	A	19981117		
			US 2005123654	A	20050506		
US 7405724	B2	20080729	US 199631956	P	19961127	200852	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193624	A	19981117		
			US 2005123654	A	20050506		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193624 A 19981117; US 2005123654 A 20050506

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050203847	A1	EN	56	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193624
US 7405724	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193624
					Division of patent	US 6963333

Inventor: **BLACKSON D... ...CHURCH J... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D W... ...CICHON B Alerting Abstract** ...NOVELTY - The machine has computer, **transaction function** device, display screen and various functional key arranged adjacent to display screen. The computer operates... USE - E.g. automated teller **machine** (**ATM**). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **...G06Q-0020/00... ...G06Q-0030/00... ...G06Q-0040/00 ...G06Q-0020/00... ...G06Q-0030/00... ...G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Weis, David W... ...Smith, Mark D... ...Church, James ...Claims:**An automated banking machine comprising:at least one computer in the machine;at least one **transaction function** device of the machine;a display screen in supporting connection with the machine; anda... ... An automated banking machine comprising: at least one computer in the machine;at least one **transaction function** device in the machine;a display screen in supporting connection with the machine; anda...

5/3,K/23 (Item 23 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014997299 & & *Drawing available*
WPI Acc no: 2005-345183/200535
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-282090
Automated teller machine operation method for use in banking transactions, involves

determining that document address is operative, to transfer corresponding HTML record by performing record pre-check without full download of record
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D; CHURCH J; CICHON B A; DRUMMOND J P;** ESS J C; MOALES M A; **SMITH M D; WEIS D W**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050097047	A1	20050505	US 199631956	P	19961127	200535	B
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193638	A	19981117		
			US 2002223693	A	20020819		
			US 20043791	A	20041203		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193638 A 19981117; US 2002223693 A 20020819; US 20043791 A 20041203

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050097047	A1	EN	55	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193638
					Division of application	US 2002223693
					Division of patent	US 6470326
					Division of patent	US 6839688

Inventor: **BLACKSON D... ...CHURCH J... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D... ...WEIS D W Alerting Abstract** ...is transferred to the computer system of home bank during transaction sequence with automated teller **machine (ATM).** USE - For operating automated teller **machine** (**ATM**) for banking transactions... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **...G06Q-0020/00... ...G06Q-0030/00 ...G06Q-0020/00... ...G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul... ...Blackson, Dale... ...Cichon, Bob A... ...Weis, David W... ...Smith, Mark D... ...Church, James**

5/3,K/24 (Item 24 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0014997270 & & *Drawing available*

WPI Acc no: 2005-345154/200535
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-282061
Transaction method of automated banking machine, involves sending messages having markup language documents including data indicating status of at least one device e.g. cash dispenser to remote computers
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CICHON B A**; COVERT M S; **DRUMMOND J P**; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050096994	A1	20050505	US 199631956	P	19961127	200535	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
			US 2004980209	A	20041102		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 2003738756 A 20031217; US 2004980209 A 20041102

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050096994	A1	EN	54	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
					Division of application	US 2003738756

Inventor: **BLACKSON D**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D** **Alerting Abstract** ...USE - For automated banking machine e.g. automated teller **machine** (**ATM**) used in wide area network (WAN) such as internet, for use by financial institutions and... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob**

A... ...Smith, Mark D

5/3,K/25 (Item 25 from file: 350) **Links**
Fulltext available through: Order File History

0014996065 & & *Drawing available*
WPI Acc no: 2005-343949/200535
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2005-280952
Cash dispensing method of automated teller machine, involves acknowledging ATM with message that instructs ATM to dispense cash on operating dispenser, in response to received message indicating cash amount
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CICHON B A**; COVERT M S; **DRUMMOND J P**; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050086146	A1	20050421	US 199631956	P	19961127	200535	B
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
			US 2004980345	A	20041102		
US 6983256	B2	20060103	US 199631956	P	19961127	200605	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
			US 2004980345	A	20041102		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; US 2003738756 A 20031217; US 2004980345 A 20041102

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes

US 20050086146	A1	EN	54	31	Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
					Division of application	US 2003738756
US 6983256	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
					Division of application	US 2003738756
					Division of patent	US 6873973

Cash dispensing method of automated teller machine, involves acknowledging ATM with message that instructs ATM to dispense cash on operating dispenser, in response to received... Inventor: **BLACKSON D... ...CICHON B A... ...DRUMMOND J P... ...SMITH M D Alerting Abstract** ...indicating the cash amount is received as hypertext markup language document, from the automated teller **machine** (**ATM**) at the home bank computer system. The computer system acknowledges the ATM with the message... ...stamps, money orders, scrip or traveler checks, in automated banking machines such as automated teller **machine** (**ATM**) connected in a wide area network (WAN) such as internet... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Smith, Mark D**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Smith, Mark D**

5/3,K/51 (Item 51 from file: 350) **Links**

Fulltext available through: Order File History

Derwent WPIX

0009740088 & *Drawing available*

WPI Acc no: 2000-025966/200003

Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466; 2001-289680

XRPX Acc No: N2000-019555

Automated banking machine that provides more transaction options and types of promotional and

printed materials to users
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CHICHON B A; **CHURCH J**; **CICHON B A**; COVERT M S; **DRUMMOND J P**; ESS J C; MOALES M A; RICHARDS B G; **SMITH M D**; **WEIS D W**; BLACKSANG D; DLAMEND J P; SITJOR B A

Patent Family (7 patents, 28 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 964374	A2	19991215	EP 1999303409	A	19990430	200003	B
CN 1254897	A	20000531	CN 1999108971	A	19990701	200045	E
US 6973442	B1	20051206	US 199631956	P	19961127	200580	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193646	A	19981117		
US 20050289055	A1	20051229	US 199631956	P	19961127	200603	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193646	A	19981117		
			US 2005179457	A	20050711		
MX 199904936	A1	20050701	MX 19994936	A	19990527	200628	E
MX 238567	B	20060711	MX 19994936	A	19990527	200707	E
CN 100334576	C	20070829	CN 1999108971	A	19990701	200828	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 1998177337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193646 A 19981117; US 2005179457 A 20050711

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 964374	A2	EN	77	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 6973442	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
US 20050289055	A1	EN			Related to Provisional	US 199631956

					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193646

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Drummond, Jay, Paul, 1965 Augusta Drive SE, Massilon, Ohio 44646, US** ... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon Bob A., 2112 Tennyson N.E.#6, Massillon Ohio 44646, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW, North Canton, Ohio 44720, US**... ...**Weis, David, W., 842 McKinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**Original Abstracts:**instructions in mark up language documents accessed at an HTTP address to cause operation of **transaction function** devices, such as a currency dispenser (**42**... ...**Claims:**operative connection with the machine, wherein the computer is operative to cause operation of a **transaction function** device of the machine responsive to at least one instruction accessed at at least one... ... the data in the transaction data object;(d) storing data corresponding to operation of a **transaction function** device in the transaction data object.

5/3,K/52 (Item 52 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730358 & *Drawing available*
WPI Acc no: 2000-015521/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-012235
Automated banking machine with HTML interface for communicating using HTML documents and TCP/IP messages

Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; CHICHON B A; **CHURCH J**; **CICHON B A**; COVERT M S; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**; WEISS D W; PAUL D J

Patent Family (9 patents, 29 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961251	A2	19991201	EP 1999303413	A	19990430	200002	B
BR 199901657	A	20000201	BR 19991657	A	19990527	200023	E
CN 1254140	A	20000524	CN 1999110171	A	19990629	200043	E
US 6598023	B1	20030722	US 199631956	P	19961127	200354	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193623	A	19981117		
MX 199904932	A1	20050701	MX 19994932	A	19990527	200628	E
CN 1264119	C	20060712	CN 1999110171	A	19990629	200678	E
MX 237984	B	20060622	MX 19994932	A	19990527	200680	E
US 20070179889	A1	20070802	US 199631956	P	19961127	200753	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193623	A	19981117		
			US 2003390586	A	20030317		
			US 2007732861	A	20070405		
EP 961251	B1	20081001	EP 1999303413	A	19990430	200867	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193623 A 19981117; EP 1999303413 A 19990430; US 2003390586 A 20030317; US 2007732861 A 20070405

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 961251	A2	EN	78	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199901657	A	PT				
US 6598023	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907

US 20070179889	A1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193623
					Division of application	US 2003390586
					Division of patent	US 6598023
EP 961251	B1	EN				
Regional Designated States,Original	DE ES FR GB IT					

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00**... ...**G06Q-0090/00**... ...**G06Q-0099/00** ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00**... ...**G06Q-0090/00**... ...**G06Q-0099/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**BLACKSON D**... ...**CICHON B A**... ...**Drummond, Jay Paul, 3205 Roanoke Street, NW Massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon Bob A., 2112 Tennyson N.E.#6, Massillon Ohio 44646, US**... ...**Smith, Mark D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**Weis, David W., 842 Mckinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Smith, Mark D**... ...**Weis, David W**... ...**Church, James**... ...**Cichon Bob A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**Claims:**We claim:**1**. A method comprising: (a) operating an automated teller **machine** (**ATM**) to receive from a user of the ATM, identification data linked to at least one...

5/3,K/53 (Item 53 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730357 & *Drawing available*
WPI Acc no: 2000-015520/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-

108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466

XRPX Acc No: N2000-012234

Automated banking machine system, which provides user with familiar interface and transaction options of their home institution when operating foreign institution machine

Patent Assignee: DIEBOLD INC (DIEB-N); DEBULTER CO LTD (DEBU-N)

Inventor: **BLACKSON D**; CHICHON B A; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**; WEISS D W; BRICKSON D; CIDRAW B A

Patent Family (10 patents, 30 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961250	A2	19991201	EP 1999303412	A	19990430	200002	B
BR 199901648	A	20000912	BR 19991648	A	19990527	200051	E
CN 1261185	A	20000726	CN 1999108927	A	19990629	200057	E
US 6505177	B1	20030107	US 199631956	P	19961127	200306	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193635	A	19981117		
CA 2421991	A1	19991127	CA 2271394	A	19990507	200338	E
			CA 2421991	A	19990507		
CA 2421991	C	20040713	CA 2271394	A	19990507	200452	E
			CA 2421991	A	19990507		
CA 2435204	C	20050329	CA 2271394	A	19990507	200527	E
			CA 2435204	A	19990507		
MX 199904931	A1	20050701	MX 19994931	A	19990527	200628	E
MX 237983	B	20060622	MX 19994931	A	19990527	200680	E
CN 1302413	C	20070228	CN 1999108927	A	19990629	200749	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193635 A 19981117

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 961250	A2	EN	78	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199901648	A	PT				
US 6505177	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337

					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
CA 2421991	A1	EN			Division of application	CA 2271394
CA 2421991	C	EN			Division of application	CA 2271394
CA 2435204	C	EN			Division of application	CA 2271394

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Alerting Abstract** DESCRIPTION - A computer (34) may be in connection with a number of **transaction function** devices (36) which are included in ATM (12). Devices (36) include for example, a card... ...36 **transaction function** devices... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**BLACKSON D**... ...**DRUMMOND J P**... ...**CHURCH J**... ...**WEIS D W**... ...**SMITH M D**... ...**CICHON B A**... ...**BLACKSON D**... ...**WEIS D W**... ...**DRUMMOND J P**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**WEIS D W**... ...**DRUMMOND J P**... ...**Drummond, Jay, Paul, 3205 Roanoke Street, NW massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon Bob A., 2112 Tennyson N.E.#6, Massillon 44646 Ohio, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW Canton, Ohio 44720, US** ... ...**Weis, David, W., 842 McKinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**

5/3,K/54 (Item 54 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730356 & *Drawing available*
WPI Acc no: 2000-015519/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-012233
Apparatus using browser interface to HTTP and other devices to run responsive to messages in ATM legacy system

Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; BLACKSONN D; BROUSAY R G; CHICHON B A; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; JAY P; MOALES M A; RICHARDS B G; **SMITH M D**; **WEIS D W**; **DRUMMOND J**; ESS J ; MOALES M; RICHARDS B; **SMITH M**; **WEIS D**

Patent Family (7 patents, 28 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961249	A2	19991201	EP 1999303410	A	19990430	200002	B
CN 1254141	A	20000524	CN 1999110173	A	19990702	200043	E
US 6539361	B1	20030325	US 199631956	P	19961127	200325	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193627	A	19981117		
MX 199904938	A1	20050701	MX 19994938	A	19990527	200628	E
MX 237985	B	20060622	MX 19994938	A	19990527	200680	E
CN 1296863	C	20070124	CN 1999110173	A	19990702	200746	E
EP 961249	B1	20081008	EP 1999303410	A	19990430	200868	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193627 A 19981117; EP 1999303410 A 19990430

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 961249	A2	EN	77	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 6539361	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
EP 961249	B1	EN				
Regional Designated States,Original	DE ES FR GB IT					

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W**... ...**DRUMMOND J**... ...**SMITH M**... ...**WEIS D Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**Drummond, Jay, Paul, 1965 Augusta**

Drive SE, Massillon, Ohio 44646, US... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**Weis, David, W., 842 McKinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**CICHON B A**... ...**DRUMMOND J**... ...**Blackson, Dale**... ...**SMITH M**... ...**WEIS D**... ...**Church, James**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**WEIS D W**... ...**CHURCH J**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**WEIS D W**... ...**CHURCH J**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**Claims:**automated transaction machine including at least one computer, and a display and at least one **transaction function** device in operative connection with the computer, the computer including a browser;
a host, wherein... ... computer, and wherein the computer is operative responsive to the first message to operate the **transaction function** device;
a server, and at least one first HTML document accessible through the server, wherein... ... having a browser for accessing an HTML document; an output device; and at least one **transaction function** device (36) in operative connection with the computer, wherein the computer (34) is operative to... ... operative responsive to receipt of the transaction message to cause operation of a value transfer **transaction function** device (42) to implement the transfer of value, wherein, responsive to receipt of the transaction... ... wherein the HTML document does not include instructions which cause operation of a value transfer **transaction function** device (42... ... We claim:1. A method comprising:(a) operating at least one **transaction function** device of an automated transaction machine in response to a transaction message received without a... ... a first HTML document with a browser in the machine responsive to operation of the **transaction function** device;(c) controlling an output device of the automated transaction machine responsive to first instructions included in the first HTML document accessed with the browser;(d) operating a second **transaction function** device of the machine responsive to operation of the first **transaction function** device;(e) accessing a second HTML document including second instructions with the browser, responsive to operation of the second **transaction function** device; and(f) controlling the output device responsive to the instructions included in the

5/3,K/55 (Item 55 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730355 & & *Drawing available*
WPI Acc no: 2000-015518/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2001-289680; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-012232
Automated banking terminal operating with security features such as signed applets
Patent Assignee: DIEBOLD INC (DIEB-N)

Inventor: **BLACKSON D**; CHICHON B A; **CHURCH J**; **CICHON B A**; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**; DELAMOND; PAUL J

Patent Family (6 patents, 28 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961248	A2	19991201	EP 1999303408	A	19990430	200002	B
CN 1254138	A	20000524	CN 1999110145	A	19990701	200043	E
CA 2271210	C	20030128	CA 2271210	A	19990507	200319	E
MX 199904935	A1	20050701	MX 19994935	A	19990527	200628	E
MX 237781	B	20060615	MX 19994935	A	19990527	200680	E
CN 100339827	C	20070926	CN 1999110145	A	19990701	200835	E

Priority Applications (no., kind, date): US 199877337 A 19980527; US 1998177337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193637 A 19981117

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 961248	A2	EN	77	31	
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
CA 2271210	C	EN			

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W Alerting Abstract** ...NOVELTY - A browser processes HTML documents including relevant instructions. A **transaction function** device carries out a **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device. **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0040/00** ...**G06Q-0020/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** ...Inventor name & address:**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**Drummond, Jay, Paul, 1965 Augusta Drive SE, Massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon Bob A., 2112 Tennyson N.E.#6, Massillon Ohio 44646, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**Weis, David, W., 842 McKinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**

5/3,K/56 (Item 56 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730354 & *Drawing available*
WPI Acc no: 2000-015517/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015516; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N2000-012231
Automated transaction machine operating that is responsive to HTML document accessed with browser
Patent Assignee: DIEBOLD INC (DIEB-N); DEBULTER CO LTD (DEBU-N)
Inventor: **BLACKSON D**; BRICKSON D; CALIFF M E; CHEN L; **CICHON B A**; COVERT M S; **DRUMMOND J P**; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; **SMITH M D**; SWINGLER S C; CALIFF M; CHICON B A; COVERT M; **DRUMMOND J**; JOYCE S; LEMLEY R; LEPPER B; MOALES M; MOORE P; **SMITH M**; SWINGLER S

Patent Family (10 patents, 30 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 961247	A2	19991201	EP 1999303407	A	19990430	200002	B
BR 199901649	A	20000118	BR 19991649	A	19990527	200021	E
CN 1261184	A	20000726	CN 1999108926	A	19990629	200057	E
CA 2271209	C	20021210	CA 2271209	A	19990507	200305	E
US 20040129775	A1	20040708	US 199631956	P	19961127	200445	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
US 6873973	B2	20050329	US 199631956	P	19961127	200522	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193787	A	19981117		
			US 2003738756	A	20031217		
MX 199904929	A1	20050701	MX 19994929	A	19990527	200628	E
CN 1293510	C	20070103	CN 1999108926	A	19990629	200746	E
MX 245992	B	20070524	MX 19994929	A	19990527	200843	E
EP 961247	B1	20080910	EP 1999303407	A	19990430	200860	E

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US

199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193787 A 19981117; EP 1999303407 A 19990430; US 2003738756 A 20031217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 961247	A2	EN	77	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199901649	A	PT				
CA 2271209	C	EN				
US 20040129775	A1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
US 6873973	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193787
EP 961247	B1	EN				
Regional Designated States,Original	DE ES FR GB IT					

Inventor: **BLACKSON D**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**DRUMMOND J**... ...**SMITH M Alerting Abstract** ...in computer includes a browser to process HTML documents including instructions in the document. A **transaction function** device carries out a **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device. **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0030/00** ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0030/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**BLACKSON D**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**Drummond, Jay, Paul, 1965 Augusta Dr., SE Massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Smith, Mark, D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**DRUMMOND J**... ...**Blackson, Dale**... ...**SMITH M**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Smith, Mark D**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**... ...**Smith, Mark D** ...**Claims:**to receive inputs, whereby a user is enabled to provide inputs to the machine;
a **transaction function** device, wherein the **transaction function** device is selectively operative to carry out a **transaction function**;
a computer, wherein the computer is in operative connection with the output device, the input device and the

transaction function device and includes a browser, wherein the browser is operative to process HTML documents including instructions therein, and wherein the **transaction function** device is operative to carry out the **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device... ... an output device operative to output information; an input device operative to receive inputs; a **transaction function** device (36) selectively operative to carry out a **transaction function**; and a computer (34) in operative connection with the output device, the input device and the **transaction function** device, the computer (34) including a browser and a diagnostic and remedial software function; wherein... ... operative to process HTML documents, including instructions therein, accessed from a remote server, wherein the **transaction function** device (36) is operative to carry out the **transaction function** responsive to the browser processing an HTML document including an instruction to operate the **transaction function** device (36), wherein the diagnostic and remedial software function of the computer (34) is operative... ... and wherein the further HTML document includes diagnostic data representative of a status of the **transaction function** device (36), and includes corrective action data and repair instructions which include an instruction which causes operation of the **transaction function** device (36)... to receive inputs, whereby a user is enabled to provide inputs to the machine;a **transaction function** device, wherein the **transaction function** device is selectively operative to carry out a **transaction function**;a computer, wherein the computer is in operative connection with the output device, the input device and the **transaction function** device;software executable in the computer, wherein the software includes a browser, wherein the browser is operative to process HTML documents including instructions therein, and wherein the **transaction function** device is operative to carry out the **transaction function** responsive to the browser processing a document including an instruction to operate the **transaction function** device....

5/3,K/57 (Item 57 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0009730353 & *Drawing available*
WPI Acc no: 2000-015516/200002
Related WPI Acc No: 1998-322937; 2000-015489; 2000-015515; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466; 1999-590903
XRPX Acc No: N2000-012230
Automated transaction machine for Internet banking
Patent Assignee: DIEBOLD INC (DIEB-N)
Inventor: **BLACKSON D**; BRICKSON D; CHICHON B A; **CHURCH J**; **CICHON B A**; CIDRAW B A; **DRUMMOND J P**; ESS J C; MOALES M A; **SMITH M D**; **WEIS D W**; WEISS D W; **CICHON B**; **DRUMMOND J**; ESS J; MOALES M; **SMITH M**; **WEIS D**

Patent Family (7 patents, 28 & countries)

Patent Number	Kind	Date	Application	Kind	Date	Update	Type

			Number				
EP 961246	A2	19991201	EP 1999303404	A	19990430	200002	B
BR 199901647	A	20001003	BR 19991647	A	19990527	200053	E
CN 1261186	A	20000726	CN 1999108954	A	19990629	200057	E
MX 199904930	A1	20050701	MX 19994930	A	19990527	200628	E
MX 242876	B	20061219	MX 19994930	A	19990527	200744	E
CN 100382071	C	20080416	CN 1999108954	A	19990629	200845	E
EP 961246	B1	20081008	EP 1999303404	A	19990430	200868	E

Priority Applications (no., kind, date): US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193565 A 19981117; EP 1999303404 A 19990430

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing	Notes
EP 961246	A2	EN	77	31		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199901647	A	PT				
EP 961246	B1	EN				
Regional Designated States,Original	DE ES FR GB IT					

...**Original Titles:**Methods by which an ATM selectively accesses documents based on the **transaction function** devices present in the machine... ...Methods by which an ATM selectively accesses documents based on the **transaction function** devices present in the machine... Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W**... ...**CICHON B**... ...**DRUMMOND J**... ...**SMITH M**... ...**WEIS D Alerting Abstract** ...NOVELTY - The machine includes an automated transaction machine with at least one type of **transaction function** device that selectively carries out a **transaction function**. A computer is in operative connection with the **transaction function** device and includes a browser. The computer uses the browser to access an HTML document that responds to the type of the **transaction function** device in the machine. **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0020/00** ...**G06Q-0020/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**... ...**CHURCH J**... ...**DRUMMOND J P**... ...**Drummond, Jay, Paul, 1965 Augusta Dr., SE Massillon, Ohio 44646, US**... ...**Blackson, Dale, 5056 Paddington Down Street, Canton, Ohio 44718, US**... ...**Cichon, Bob, A., 2112 Tennyson NE #6, Massillon, Ohio 44646, US** ... ...**Smith, Mark, D., 1910 Hunting Valley, NW North Canton, Ohio 44720, US**... ...**Weis, David, W., 842 Mckinley Boulevard, Ashland, Ohio 44805, US** ... ...**Church, James, 741 Governor's Circle, Kent, Ohio 44240, US**... ...**DRUMMOND J**... ...**Blackson, Dale**... ...**CICHON B**... ...**SMITH M**... ...**WEIS D**... ...**Church, James**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J**... ...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**WEIS D W**... ...**CHURCH J Claims:**1. Apparatus comprising:
an automated transaction machine, including:
at least one type of **transaction function** device selectively operative to carry out a **transaction function**;
a computer, wherein the computer is in operative connection with the **transaction function** device and

includes a browser, wherein the computer is configured to operate the browser to access an HTML document responsive to the type of the **transaction function** device in the machine... ... Apparatus comprising: an automated transaction machine (12), wherein the machine includes: a plurality of **transaction function** devices (36) in the machine (12), wherein at least one said **transaction function** device (36) is available, wherein each respective available **transaction function** device (36) is selectively operational to carry out a respective type of **transaction function**; and a computer (34); wherein the computer (34) is in operative connection with each **transaction function** device (36) and includes a browser, wherein the computer (34) is configured to: sense a change in a current operational availability of the **transaction function** devices (36) in the machine (12), query a database server, responsive to a sensed change in the operational availability condition of the **transaction function** devices (36) in the machine (12), wherein the query includes or is accompanied by data...

5/3,K/58 (Item 58 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0008779060 & *Drawing available*
WPI Acc no: 1998-322937/199828
Related WPI Acc No: 2000-015489; 2000-015515; 2000-015516; 2000-015517; 2000-015518; 2000-015519; 2000-015520; 2000-015521; 2000-015522; 2000-025966; 2000-483575; 2000-499722; 2000-499723; 2000-499724; 2000-566701; 2000-566702; 2000-566703; 2000-566723; 2001-451150; 2002-082318; 2002-291538; 2002-608123; 2003-670658; 2003-670851; 2003-902109; 2004-021901; 2004-266987; 2004-603137; 2004-603138; 2004-666459; 2005-313708; 2005-343949; 2005-345154; 2005-345183; 2005-657036; 2005-689116; 2005-689312; 2006-007487; 2006-027518; 2006-037429; 2006-108137; 2006-108138; 2006-413102; 2006-413103; 2006-491370; 2006-511158; 2006-547469; 2006-645643; 2006-645644; 2006-723663; 2007-216832; 2007-559521; 2007-634331; 2008-B36972; 2008-D79707; 2008-G48605; 2008-G50542; 2008-G50543; 2008-H70685; 2008-H89434; 2008-J66795; 2008-J68094; 2008-K24443; 2008-K24466
XRPX Acc No: N1998-252479
Automated banking machine for use in wide area network - provides user with familiar interface from home institution at banking machines operated by other institutions
Patent Assignee: DIEBOLD INC (DIEB-N); INTERBOLD (INTE-N)
Inventor: **BLACKSON D**; CALIFF M E; CHEN L; **CHURCH J**; **CICHON B A**; COVERT M S; **DRUMMOND J P**; ESS J C; JOYCE S D; LEMLEY R J; LEPPER B Q; MOALES M A; MOORE P S; RICHARDS B G; **SMITH M D**; SWINGLER S C; **WEIS D W**; **CICHON B**; COVERT M

Patent Family (18 patents, 24 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 199802404 1	A1	19980604	WO 1997US21422	A	19971125	199828	B
EP 941516	A1	19990915	EP 1997951463	A	19971125	199942	E
			WO 1997US21422	A	19971125		
CN 1244934	A	20000216	CN 1997181456	A	19971125	200027	E
BR 199714741	A	20001003	BR 199714741	A	19971125	200053	E
			WO 1997US21422	A	19971125		
MX 199904502	A1	20000501	MX 19994502	A	19990514	200129	E
US 6289320	B1	20010911	US 199777377	A	19971127	200154	NCE
			WO 1997US21422	A	19971127		

			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193637	A	19981117		
US 20030018580	A1	20030123	US 199631956	P	19961127	200310	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193635	A	19981117		
			US 2002226193	A	20020821		
US 20030078866	A1	20030424	US 199631956	P	19961127	200330	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193627	A	19981117		
			US 2002305083	A	20021125		
MX 217156	B	20031024	MX 19994502	A	19990514	200467	E
			WO 1997US21422	A	19971125		
CN 1106623	C	20030423	CN 1997181456	A	19971125	200538	E
IN 199703407	I1	20050624	IN 1997DE3407	A	19971126	200574	E
US 6965879	B2	20051115	US 199631956	P	19961127	200576	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193627	A	19981117		
			US 2002305083	A	20021125		
US 6973443	B2	20051206	US 199631956	P	19961127	200580	E
			WO 1997US21422	A	19971125		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193635	A	19981117		
			US 2002226193	A	20020821		
US 7062464	B1	20060613	US 199631956	P	19961127	200639	E
			WO 1997US21422	A	19971125		
			US 199877337	A	19980527		
			US 199891887	P	19980707		
			US 199895626	P	19980807		
			US 199898907	P	19980902		
			US 1998193565	A	19981117		
EP 1672516	A2	20060621	EP 1997951463	A	19980604	200643	E

			EP 200675759	A	19971125		
CA 2545280	A1	19980604	CA 2271686	A	19971125	200648	E
			CA 2545280	A	19971125		
RU 2284055	C2	20060920	RU 1999113440	A	19971125	200662	E
			WO 1997US21422	A	19971125		
EP 1672516	A3	20071017	EP 1997951463	A	19980604	200770	E
			EP 200675759	A	19971125		

Priority Applications (no., kind, date): US 199631956 P 19961127; WO 1997US21422 A 19971125; US 199877337 A 19980527; US 199891887 P 19980707; US 199895626 P 19980807; US 199898907 P 19980902; US 1998193565 A 19981117; US 1998193627 A 19981117; US 1998193635 A 19981117; US 1998193637 A 19981117; US 2002226193 A 20020821; US 2002305083 A 20021125

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1998024041	A1	EN	64	24		
National Designated States,Original	BR CA CN MX RU US					
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 941516	A1	EN			PCT Application	WO 1997US21422
					Based on OPI patent	WO 1998024041
Regional Designated States,Original	DE ES FR GB IT					
BR 199714741	A	PT			PCT Application	WO 1997US21422
					Based on OPI patent	WO 1998024041
US 6289320	B1	EN			Continuation of application	US 199777377
					Continuation of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
US 20030018580	A1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193635
US 20030078866	A1	EN			Related to Provisional	US 199631956
					Division of application	WO 1997US21422
					Division of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907

					Division of application	US 1998193627
MX 217156	B	ES			PCT Application	WO 1997US21422
					Based on OPI patent	WO 1998024041
IN 199703407	I1	EN				
US 6965879	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					C-I-P of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193627
					Division of patent	US 6539361
US 6973443	B2	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
					Division of application	US 1998193635
					Division of patent	US 6505177
US 7062464	B1	EN			Related to Provisional	US 199631956
					C-I-P of application	WO 1997US21422
					Continuation of application	US 199877337
					Related to Provisional	US 199891887
					Related to Provisional	US 199895626
					Related to Provisional	US 199898907
EP 1672516	A2	EN			Division of application	EP 1997951463
					Division of patent	EP 941516
Regional Designated States,Original	DE ES FR GB IT					
CA 2545280	A1	EN			Division of application	CA 2271686
RU 2284055	C2	RU			PCT Application	WO 1997US21422
					Based on OPI patent	WO 1998024041
EP 1672516	A3	EN			Division of application	EP 1997951463
					Division of patent	EP 941516
Regional Designated States,Original	DE ES FR GB IT					

Inventor: **BLACKSON D**... ...**CHURCH J**... ...**CICHON B A**... ...**DRUMMOND J P**... ...**SMITH M D**... ...**WEIS D W**... ...**CICHON B Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date ...**G06Q-0010/00**... ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** ...**G06Q-0010/00**... ...**G06Q-0020/00**... ...**G06Q-0020/00**... ...**G06Q-0030/00**... ...**G06Q-0040/00** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**...**CICHON B A**...

...**SMITH M D**...**DRUMMOND J P**... ...**BLACKSON D**... ...**Drummond, Jay Paul**... ...**Blackson, Dale** ...**Cichon, Bob**...**Smith, Mark D**... **DRUMMOND J P**... ...**BLACKSON DCICHON B**... ...**SMITH M D**...**DRUMMOND, Jay, Paul, 3205 Roanoke Street, N.W., Massillon, OH 44646, US**... ...**BLACKSON, Dale, 5056 Paddington Down Street, Canton, OH 44718, US** ...**CICHON, Bob, A., 2631 Green View Center, N.W., Canton, OH 44708, US**...**SMITH, Mark, D., 1910 Hunting Valley, N.W., North Canton, OH 44720, US**...**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**... ...**SMITH M D**...**SMITH M D**... ...**DRUMMOND J P**... ...**BLACKSON DCICHON B A**... ...**DRUMMOND J P**... ...**BLACKSON D**... ...**CICHON B A**...**SMITH M D**... ...**Drummond, Jay Paul**...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**Drummond, Jay Paul**... ...**Blackson, Dale**...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James**...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark D**...**Church, James**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark DChurch, James**... ...**Drummond, Jay Paul**... ...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**...**Smith, Mark D**... ...**Church, James**... ...**Drummond, Jay Paul**...**Blackson, Dale**... ...**Cichon, Bob A**...**Weis, David W**... ...**Smith, Mark D**... ...**Church, James** ...**DRUMMOND, JAY, PAUL, 3205 ROANOKE STREET, N.W., MASSILLON, OH 44646, US**... ...**BLACKSON, DALE, 5056 PADDINGTON DOWN STREET, CANTON, OH 44718, US** ...**CICHON, BOB, A., 2631 GREEN VIEW CENTER, N.W., CANTON, OH 44708, US**...**SMITH, MARK, D., 1910 HUNTING VALLEY, N.W., NORTH CANTON, OH 44720, US**

Claims: An Automated Teller **Machine** (**ATM**) comprising: at least one computer;a browser operating in the at least one computer;a... ... automated transaction machine including at least one computer, and a display and at least one **transaction function** device in operative connection with the computer, the computer including software executable therein, the software... ... computer, and wherein the computer is operative responsive to the first message to operate the **transaction function** device;a server, and at least one first HTML document accessible through the server, wherein... automated transaction machine located at a first location, wherein the machine includes:at least one **transaction function** device in the machine, wherein the at least one **transaction function** device includes at least one available **transaction function** device, wherein each respective available **transaction function** device is selectively operative to carry out a respective different type of **transaction function**;a computer, wherein the computer is in operative connection with each **transaction function** device;software executable in the computer, wherein the software includes a browser, wherein the software... ... enable the computer to access an HTML document which corresponds to the availability of the **transaction function** devices in the machine.

5/3K/59 (Item 59 from file: 348) **Links**
Fulltext available through: Order File History
EUROPEAN PATENTS

02524413
Value insertion using bill pay card preassociated with biller
Eingabe von Werten uber eine mit einem Rechnungsprogramm verbundene Rechnungszahlungskarte
Insertion de valeur utilisant une carte de paiement de factures preassociee avec le facturier

Patent Assignee:

- **e2interactive Inc. d/b/a e2interactive Inc.**; (8269220)
  250 Williams Street, Suite M-100; Atlanta, GA 30303; (US)
  (Applicant designated States: all)

Inventor:

- **Graves, Philips**
  14 Stratford Hall Place; Atlanta, GA 30342; (US)
- **Smith, Merrill**
  c/o 250 Williams StreetSuite M-100; Atlanta, GA 30303; (US)
- **...US)**
  ; ;
- **Smith, Merrill...**
  ; ;

Legal Representative:

- **Bankes, Stephen Charles Digby et al (47701)**
  Baron Warren Redfern 19 South End; KensingtonLondonW8 5BU; (GB)

	Country	Number	Kind	Date	
Patent	EP	1956542	A2	20080813	(Basic)
Application	EP	2008100623		20080118	
Priorities	US	672204		20070207	

Designated States:
AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HR; HU; IE; IS; IT; LI;
LT; LU; LV; MC; MT; NL; NO; PL; PT; RO;
SE; SI; SK; TR;

Extended Designated States:
AL; BA; MK; RS;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0020/00	A	I	F	B	20060101	20080428	H	EP
G06Q-0020/00	A	I	F	B	20060101	20080428	H	EP

Abstract Word Count: 128
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200833	539
SPEC A	(English)	200833	13960
Total Word Count (Document A) 14499			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 14499			

Specification: ...may take many forms, including but not limited to a merchant POS, an automated teller **machine** (**ATM**), or a dedicated kiosk.

At step 1120, the POS may read the customer's bill...

5/3K/60 (Item 60 from file: 348) **Links**
Fulltext available through: Order File History
EUROPEAN PATENTS

02380099
A system for using a radio frequency identification (RFID) Card
System zur Verwendung einer Hochfrequenzidentifikationskarte (RFID)
Systeme pour l'utilisation d'une carte d'identification de frequence radio (RFID)

Patent Assignee:

- **E2Interactive, Inc. D/B/A E2Interactive, Inc.**; (5225860)
  250 Williams Street, Suite M-100; Atlanta, Georgia 30303; (US)
  (Applicant designated States: all)

Inventor:

- **Smith, Merrill**
  c/o 250 Williams Street, Suite M-100; Atlanta, GA 30303; (US)
- **Lowin, Lesley**
  The Street; Poynings, Sussex BN45 7AQ; (US)
- **Chakiris, Phil**
  106 Verlaine Place NW; Atlanta, GA 30327; (US)
- **Smith, Merrill...**
  ; ;

Legal Representative:

- **Bankes, Stephen Charles Digby et al (47701)**
  BARON & WARREN 19 South End Kensington; London W8 5BU; (GB)

	Country	Number	Kind	Date	
Patent	EP	1870849	A2	20071226	(Basic)
Application	EP	2007107153		20070427	
Priorities	US	436321		20060518	

Designated States:
AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IS; IT; LI; LT;
LU; LV; MC; MT; NL; PL; PT; RO; SE; SI;
SK; TR;

Extended Designated States:
AL; BA; HR; MK; YU;

IPC	Level	Value	Position	Status	Version	Action	Source	Office

G06Q-0020/00	A	I	F	B	20060101	20071120	H	EP
G06Q-0020/00	A	I	F	B	20060101	20071120	H	EP

Abstract Word Count: 115
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200752	782
SPEC A	(English)	200752	6713
Total Word Count (Document A) 7495			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 7495			

Specification: ...as an airline check-in kiosk, or may be multi-purpose like an automated teller **machine** (**ATM**). The RFID interrogator may read the information on the RFID enabled stored value card 100...the RFID enabled stored value card at a POS terminal or equivalent (e.g., kiosk, **ATM machine**, etc.). The POS may utilize an RFID interrogator to read the RFID enabled stored value...

[File 474] **New York Times Abs** 1969-2009/Mar 17

[File 475] **Wall Street Journal Abs** 1973-2009/Mar 17

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2009/Feb

[File 256] **TecInfoSource** 82-2009/Aug

[File 139] **EconLit** 1969-2009/Feb

[File 15] **ABI/Inform(R)** 1971-2009/Mar 17

[File 9] **Business & Industry(R)** Jul/1994-2009/Mar 16

[File 610] **Business Wire** 1999-2009/Mar 17

**File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 810] **Business Wire** 1986-1999/Feb 28

[File 275] **Gale Group Computer DB(TM)** 1983-2009/Feb 18

[File 624] **McGraw-Hill Publications** 1985-2009/Mar 17

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2009/Feb 09

[File 636] **Gale Group Newsletter DB(TM)** 1987-2009/Feb 24

[File 613] **PR Newswire** 1999-2009/Mar 17

**File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 813] **PR Newswire** 1987-1999/Apr 30

[File 16] **Gale Group PROMT(R)** 1990-2009/Feb 24

**File 16: UD/banner does not reflect last processed date*

[File 160] **Gale Group PROMT(R)** 1972-1989

[File 634] **San Jose Mercury** Jun 1985-2009/Mar 15

[File 148] **Gale Group Trade & Industry DB** 1976-2009/Mar 02

**File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.*

[File 20] **Dialog Global Reporter** 1997-2009/Mar 17


```
Set     Items   Description
S1      23291   S AU=(DRUMMOND, J? OR DRUMMOND J? OR CICHON, B? OR CICHON B? OR
SMITH, M? OR SMITH M? OR BLACKSON, D? OR BLACKSON D? OR WEIS, D? OR WEIS D? OR
CHURCH, J? OR CHURCH J? OR GILGER, M? OR GILGER M?)
S2          9   S S1 AND (TRANSACTION()FUNCTION? OR DEVICE()DRIVER? OR
ATM(2N)MACHINE?)
```

III. Text Search Results from Dialog (Full Text dbs)

A. Full-Text Databases – PATENT

[File 348] **EUROPEAN PATENTS** 1978-200911

[File 349] **PCT FULLTEXT** 1979-2009/UB=20090122|UT=20090115


```
Set     Items   Description
S1      86923   S (TO OR INTO OR (IN OR ON)()TO OR ONTO OR TOWARDS OR
ENTER?)(3W)(DATASTOR? OR BUFFER OR DATA()(STOR? OR MEDIUM OR MEDIA OR SOURCE) OR
STORAGE OR (STANDBY OR ACCESSIBLE OR INTERMEDIATE)()(LOCATION OR DISK OR DISC OR
CHIP OR MICROCHIP) OR HARDDRIVE OR (DISC OR DISK OR HARD OR NETWORK)(2N)(DRIVE OR
DRIVES) OR FLOPPY OR FLOPPIES OR STORE?)
S2      22640   S (UPLOAD? OR LOAD? OR DOWNLOAD? OR SEND? OR SENT OR TRANSMIT? OR
TRANSFER? OR COPY? OR COPIES OR COPIED OR COMMUNICAT? OR MOVE OR MOVED OR MOVING OR
FLOW? OR DATAFLOW? OR OPERATI(2N)COMMUNICAT? OR INPUT? OR INFLOW?)(5N)S1
S3       2234   S (DRIVERS? OR DRIVER? OR SOFTWARE? OR PROGRAM? OR APPLICATION? OR
ENABLER? OR DIRECTOR?)(4N)(PERIPHERAL? OR NODE? OR (EXTERNAL OR SEPARATE OR
ATTACHED OR EXPAN? OR ADDED OR ADDITIONAL OR ADDON OR ADD()ON OR PLUG(2W)PLAY OR
NONHOST OR NON()HOST OR OUTSIDE OR NONSERVER OR NON()SERVER)(2W)(DEVICE? OR
COMPONENT? OR PROCESSOR? OR MICROPROCESSOR? OR APPARATUS? OR HARDWARE OR GADGET? OR
EQUIPMENT OR DRIVE OR DRIVES OR DISK OR DISC OR DISKS OR DISCS) )
S4      22529   S FIRST OR SECOND OR NEXT OR PRIOR OR FOLLOWING OR SUBSEQUENT OR
THIRD OR ADDITIONAL OR ASSOCIATED OR ADJACENT OR SEQUENTIAL OR OTHER
S5       6459   S (PRINTER? ? OR SCANNER? OR MICROPHONES OR SPEAKERS OR CAMERA?)
S6        246   S (CASHLINE OR ATM OR ATMS OR (COMPUTERI? OR ELECTRONIC OR ROBOT?
OR AUTOMAT?)(2N)(TELLER? OR BANK?()MACHINE) OR (AUTOMAT?()TRANSACTION)(2N)(MACHINE
OR DEVICE OR APPARATUS) OR CASH()(DISPENSER OR MACHINE))
S7         38   S S2(7N)S3
S8         18   S S7 NOT AY>1999
S9          2   S TRANSACTION()FUNCTION()DEVICE?
S10        12   S S6(S)S2
S11         5   S S10 NOT AY>1999
S12         1   S S2(7N)(SHARED()ACCESS?)
S13        27   S DRIVER?(3N)S1
S14        16   S S13 NOT AY>1999
S15       376   S S2(4N)S4
S16        14   S S15(12N)S3
S17         0   S S16 NOT S7
S18       267   S S5(6N)(DRIVERS? OR DRIVER? OR SOFTWARE? OR PROGRAM? OR
APPLICATION? OR ENABLER? OR DIRECTOR?)
S19         4   S S18(5N)S2
S20         2   S S19 NOT AY>1999
```

8/3K/16 (Item 1 from file: 349) **Links**
Fulltext available through: Order File History

PCT FULLTEXT

00537757
METHOD AND APPARATUS FOR NON-DISRUPTIVE ADDITION OF A NEW NODE TO AN INTER-NODAL NETWORK
PROCEDE ET DISPOSITIF D'ADDITION NON PERTURBATRICE D'UN NOUVEAU NOEUD A UN RESEAU INTER-NODAL

Patent Applicant/Patent Assignee:

• **EXCEL SWITCHING CORPORATION**

Inventor(s):

• **HIGGINS Peter**

• **JAZWIERSKI Rafal J**

	Country	Number	Kind	Date
Patent	WO	200001130	A1	20000106
Application	WO	99US14615		19990628
Priorities	US	98107152		19980629

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ,
EE, GD, GE, HR, HU, ID, IL, IN, IS, JP,
KP, KR, LC, LK, LR, LT, LV, MG, MK, MN,
MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR,
TT, UA, UZ, VN, YU, GH, GM, KE, LS, MW,
SD, SL, SZ, UG, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,
GW, ML, MR, NE, SN, TD, TG

Publication Language: English
Filing Language:
Fulltext word count: 9792

Detailed Description:

...is connected, typically by an Ethernet interface, to the host 4. (Fig. 2). The system **software** needed to operate the **node** on the network is then **downloaded into** an appropriate **storage** device within the node. The new node 6d is then preferably assigned, by the host...

14/3K/12 (Item 1 from file: 349) **Links**
Fulltext available through: Order File History
PCT FULLTEXT

00548192
INSTALLING AND LOADING DEVICE DRIVERS ON AN ENTERTAINMENT SYSTEM
SYSTEME DE DIVERTISSEMENT ET PROCEDE D'ALIMENTATION DE DONNEES, PROCESSEUR DE DONNES ET PROCEDE DE TRAITEMENT DE DONNEES, CONTROLEUR ET PROCEDE DE STOCKAGE DES DONNEES

Patent Applicant/Patent Assignee:

- **SONY COMPUTER ENTERTAINMENT INC**

Inventor(s):

- **CHATANI Masayuki**

	Country	Number	Kind	Date
Patent	WO	200011565	A2	20000302
Application	WO	99JP4486		19990820
Priorities	JP	98234607		19980820

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AU, BR, CA, CN, KR, MX, NZ, RU, SG, AT,
BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE

Publication Language: English
Filing Language:
Fulltext word count: 14551

Detailed Description:

...memory card 3, in step S13, microprocessor 32, using this established
communication path, temporarily puts **into buffer** 34 the device **drivers** 150 and identification information received from video game machine 2, then puts it into nonvolatile...

?

8/3K/4 (Item 4 from file: 348) **Links**
Fulltext available through: Order File History
EUROPEAN PATENTS

01124949
METHOD AND APPARATUS FOR NON-DISRUPTIVE ADDITION OF A NEW NODE TO AN INTER-NODAL NETWORK
VERFAHREN UND VORRICHTUNG ZUR STORUNGSFREIEN HINZUFUGUNG VON EINEM NEUEN KNOTEN ZU EINEM KNOTENNETZWERK
PROCEDE ET DISPOSITIF D'ADDITION NON PERTURBATRICE D'UN NOUVEAU NOEUD A UN RESEAU INTER-NODAL

Patent Assignee:

- **Excel Switching Corporation**; (1788614)
  255 Independence Drive; Hyannis, MA 02601; (US)
  (Proprietor designated states: all)

Inventor:

- **HIGGINS, Peter**
  16 Luscombe Lane; Sandwich, MA 02563; (US)
- **JAZWIERSKI, Rafel J.**
  74 Higgins Crowell Road West Yarmouth; Massachusetts 02673; (US)

Legal Representative:

- **Meissner, Bolte & Partner (100193)**
  Anwaltssozietat GbR Postfach 86 06 24; 81633 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1092308	A1	20010418	(Basic)
	EP	1092308	B1	20041124	
	WO	2000001130		20000106	
Application	EP	99931995		19990628	
	WO	99US14615		19990628	
Priorities	US	107152		19980629	

Designated States:
AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE;

Extended Designated States:
AL; LT; LV; MK; RO; SI;

International Patent Class (V7): H04L-029/14; H04Q-011/04
NOTE: No A-document published by EPO

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200448	3222
CLAIMS B	(German)	200448	3056
CLAIMS B	(French)	200448	3491
SPEC B	(English)	200448	6177
Total Word Count (Document A) 0			
Total Word Count (Document B) 15946			
Total Word Count (All Documents) 15946			

Specification: ...is connected, typically by an Ethernet interface, to the host 4. (Fig. 2). The system **software** needed to operate the **node** on the network is then **downloaded into** an appropriate **storage** device within the node. The new node 6d is then preferably assigned, by the host...

8/3K/8 (Item 8 from file: 348) **Links**
Fulltext available through: Order File History
EUROPEAN PATENTS

00991547
Method of printing test pattern and printing apparatus for the same
Probemusterdruckverfahren und zugehorige Vorrichtung
Procede d'impression d'un motif d'essai et dispositif correspondant

Patent Assignee:

- **Seiko Epson Corporation**; (2132631)
  4-1, Nishishinjuku 2-Chome; Shinjuku-ku, Tokyo 163-0811; (JP)
  (Proprietor designated states: all)

Inventor:

- **Shimada, Kazumichi**
  c/o Seiko Epson Corporation, 3-5, Owa 3-chome; Suwa-shi, Nagano-ken, 392-8502; (JP)
- **Liu, Sa**
  c/o Seiko Epson Corporation, 3-5, Owa 3-chome; Suwa-shi, Nagano-ken, 392-8502; (JP)

Legal Representative:

- **Tothill, John Paul et al (81551)**
  Frank B. Dehn & Co. 179 Queen Victoria Street; London EC4V 4EL; (GB)

	Country	Number	Kind	Date	
Patent	EP	895869	A2	19990210	(Basic)
	EP	895869	A3	20000517	
	EP	895869	B1	20040225	
Application	EP	98306127		19980731	

Priorities	JP	97220782		19970731	
	JP	97234705		19970829	

Designated States:
DE; FR; GB;

Extended Designated States:
AL; LT; LV; MK; RO; SI;

International Patent Class (V7): B41J-019/14; B41J-029/393**Abstract Word Count:** 211
NOTE: 8 & 9
NOTE: Figure number on first page: 8 & 9

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199906	1691
SPEC A	(English)	199906	13296
CLAIMS B	(English)	200409	1375
CLAIMS B	(German)	200409	1347
CLAIMS B	(French)	200409	1546
SPEC B	(English)	200409	13246
Total Word Count (Document A) 14989			
Total Word Count (Document B) 17514			
Total Word Count (All Documents) 32503			

Specification: ...disk or a CD-ROM. The computer reads the program from the recording medium and **transfers** the **input** program **into** its internal **storage** device or **external** storage **device** . Alternatively the **program** may be supplied to the computer via a communications path. The microprocessor in the computer...

Specification: ...disk or a CD-ROM. The computer reads the program from the recording medium and **transfers** the **input** program **into** its internal **storage** device or **external** storage **device** . Alternatively the **program** may be supplied to the computer via a communications path. The microprocessor in the computer...

[File 15] **ABI/Inform(R)** 1971-2009/Mar 14

[File 9] **Business & Industry(R)** Jul/1994-2009/Mar 16

[File 610] **Business Wire** 1999-2009/Mar 17

**File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 810] **Business Wire** 1986-1999/Feb 28

[File 275] **Gale Group Computer DB(TM)** 1983-2009/Feb 18

[File 624] **McGraw-Hill Publications** 1985-2009/Mar 17

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2009/Feb 09

[File 636] **Gale Group Newsletter DB(TM)** 1987-2009/Feb 24

[File 613] **PR Newswire** 1999-2009/Mar 17

**File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 813] **PR Newswire** 1987-1999/Apr 30

[File 16] **Gale Group PROMT(R)** 1990-2009/Feb 24

**File 16: UD/banner does not reflect last processed date*

[File 160] **Gale Group PROMT(R)** 1972-1989

[File 634] **San Jose Mercury** Jun 1985-2009/Mar 15

[File 148] **Gale Group Trade & Industry DB** 1976-2009/Mar 02

**File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.*

[File 20] **Dialog Global Reporter** 1997-2009/Mar 17

```
Set     Items   Description
S1     114521   S (DRIVERS? OR DRIVER? OR (DEVICE OR PERIPHERAL)(2N)(SOFTWARE? OR
PROGRAM? OR APPLICATION? OR ENABLER? OR DIRECTOR?))(5N)(UPLOAD? OR LOAD? OR
DOWNLOAD? OR SEND? OR SENT OR TRANSMIT? OR TRANSFER? OR COPY? OR COPIES OR COPIED
OR COMMUNICAT? OR MOVE OR MOVED OR MOVING OR FLOW? OR DATAFLOW? OR
OPERATI(2N)COMMUNICAT? OR INPUT? OR INFLOW?)
S2       8817   S (PERIPHERAL? OR NODE? OR (EXTERNAL OR SEPARATE OR ATTACHED OR
EXPAN? OR ADDED OR ADDITIONAL OR ADDON OR ADD()ON OR PLUG(2W)PLAY OR NONHOST OR
NON()HOST OR OUTSIDE OR NONSERVER OR NON()SERVER))(2W)(DEVICE? OR COMPONENT? OR
PROCESSOR? OR MICROPROCESSOR? OR APPARATUS? OR HARDWARE OR GADGET? OR EQUIPMENT OR
DRIVE OR DRIVES OR DISK OR DISC OR DISKS OR DISCS) OR TRANSACTION()FUNCTION?
S3        167   S (TO OR INTO OR (IN OR ON)()TO OR ONTO OR TOWARDS OR
ENTER?)(3W)(DATASTOR? OR BUFFER OR DATA()(STOR? OR MEDIUM OR MEDIA OR SOURCE) OR
STORAGE OR MEMORY OR (STANDBY OR ACCESSIBLE OR INTERMEDIATE OR SHARED)())(LOCATION
OR DISK OR DISC OR CHIP OR MICROCHIP OR BUFFER) OR HARDDRIVE OR (DISC OR DISK OR
HARD OR NETWORK)(2N)(DRIVE OR DRIVES) OR FLOPPY OR FLOPPIES OR STORE?)(6N)S1
S4       3155   S (PRINTER? ? OR SCANNER? OR MICROPHONES OR SPEAKERS OR CAMERA?)
S5        163   S FIRST OR SECOND OR NEXT OR PRIOR OR FOLLOWING OR SUBSEQUENT OR
THIRD OR ADDITIONAL OR ASSOCIATED OR ADJACENT OR SEQUENTIAL OR OTHER
S6       2079   S (CASHLINE OR ATM OR ATMS OR (COMPUTERI? OR ELECTRONIC OR ROBOT?
OR AUTOMAT?)(2N)(TELLER? OR BANK?()MACHINE) OR (AUTOMAT?()TRANSACTION)(2N)(MACHINE
OR DEVICE OR APPARATUS) OR CASH()(DISPENSER OR MACHINE))
S7        164   S S3 NOT PY>1999
S8          9   S S7(7N)S2
S9          9   S S8 NOT PY>1999
S10         5   S TRANSACTION()FUNCTION?
S11       432   S S4(4N)S1
S12         5   S S11(4N)S3
```

10/9,K/2 (Item 2 from file: 15) **Links**
Fulltext available through: STIC Full Text Retrieval Options

01395717 00-46704
Domino.Connect links apps, data

Biggs, Maggie
InfoWorld v19n12 pp: 115
Mar 24, 1997
ISSN: 0199-6649 **Journal Code:** IFW
Document Type: Journal article **Language:** English **Length:** 1 Pages
Word Count: 922

Abstract:

The beta release of Lotus Development Corp.'s Domino.Connect 1.0 integration toolkit is reviewed. Domino.Connect uses a group of plug-ins to extend the LotusScript language, reducing developers' work in integrating Notes and Domino applications with external data. The Domino.Connect toolkit provides multiple modules and powerful flexibility

for those who want to connect their Lotus Notes or Domino applications to a variety of back-end data sources. It offers support for ODBC through LotusScript; plug-in support for enterprise applications and transaction systems, native database drivers; bulk data transfers; and capability to access Notes databases through external SQL tools.

Handling transactions

With Domino.Connect, developers can easily link their Domino and Notes applications to large MQSeries-based transaction systems. The LotusScript plug-in lets you access all of the MQSeries **transaction functions** and features, and Notes or Domino applications can access traditional MQSeries-based transaction systems to exchange data.

You can install and execute the MQSeries LotusScript extension on either a Notes client or a Domino server. If one of your primary application concerns is transaction performance, then you may want to access MQSeries transaction systems directly from the client, which offers superior performance by bypassing the Domino server.

However, if your main concern is scalability, you should definitely consider installing and executing the MQSeries LotusScript extension on a Domino server.

Multiple users then can interact with transaction systems via Domino server-side agents. This is a better approach for some large enterprises, because the Domino server can manage the interaction with the transaction system, reducing client-side administration

IV. Text Search Results from Dialog (Abstract dbs)

A. Abstract Databases -- Patent

[File 347] **JAPIO** Dec 1976-2008/Oct(Updated 090220)

[File 350] **Derwent WPIX** 1963-2008/UD=200914


```
Set     Items   Description
S1     455557   S (TO OR INTO OR (IN OR ON)()TO OR ONTO OR TOWARDS OR
ENTER?)(3W)(DATASTOR? OR BUFFER OR DATA()(STOR? OR MEDIUM OR MEDIA OR SOURCE) OR
STORAGE OR (STANDBY OR ACCESSIBLE OR INTERMEDIATE)()(LOCATION OR DISK OR DISC OR
CHIP OR MICROCHIP) OR HARDDRIVE OR (DISC OR DISK OR HARD OR NETWORK)(2N)(DRIVE OR
DRIVES) OR FLOPPY OR FLOPPIES OR STORE?)
S2      68393   S (UPLOAD? OR LOAD? OR DOWNLOAD? OR SEND? OR SENT OR TRANSMIT? OR
TRANSFER? OR COPY? OR COPIES OR COPIED OR COMMUNICAT? OR MOVE OR MOVED OR MOVING OR
FLOW? OR DATAFLOW? OR OPERATI(2N)COMMUNICAT?)(5N)S1
S3        631   S (DRIVERS? OR DRIVER? OR SOFTWARE? OR PROGRAM? OR APPLICATION? OR
ENABLER? OR DIRECTOR?)(4N)(PERIPHERAL? OR NODE? OR (EXTERNAL OR SEPARATE OR
ATTACHED OR EXPAN? OR ADDED OR ADDITIONAL OR ADDON OR ADD()ON OR PLUG(2W)PLAY OR
NONHOST OR NON()HOST OR OUTSIDE OR NONSERVER OR NON()SERVER)(2W)(DEVICE? OR
COMPONENT? OR PROCESSOR? OR MICROPROCESSOR? OR APPARATUS? OR HARDWARE OR GADGET? OR
EQUIPMENT OR DRIVE OR DRIVES OR DISK OR DISC OR DISKS OR DISCS) )
S4        527   S FIRST OR SECOND OR NEXT OR PRIOR OR FOLLOWING OR SUBSEQUENT OR
THIRD OR ADDITIONAL OR ASSOCIATED OR ADJACENT OR SEQUENTIAL OR OTHER
S5         79   S (PRINTER? ? OR SCANNER? OR MICROPHONES OR SPEAKERS OR CAMERA?)
S6       3284   S (CASHLINE OR ATM OR ATMS OR (COMPUTERI? OR ELECTRONIC OR ROBOT?
OR AUTOMAT?)(2N)(TELLER? OR BANK?()MACHINE) OR (AUTOMAT?()TRANSACTION)(2N)(MACHINE
OR DEVICE OR APPARATUS) OR CASH()(DISPENSER OR MACHINE))
S7         74   S TRANSACTION()FUNCTION()DEVICE?
S8         15   S S7 AND S1
S9          0   S S8 NOT AY>1999
S10         8   S S7 NOT AY>1999
S11        97   S S3(4N)S2
S12        35   S S11 NOT AY>1999
S13        19   S S5(5N)(DRIVERS? OR DRIVER? OR SOFTWARE? OR PROGRAM? OR
APPLICATION? OR ENABLER? OR DIRECTOR?)
S14         1   S S13(12N)S2
S15         0   S S14 NOT AY>1999
S16       353   S DRIVER?(7N)S2
S17         8   S S16(4N)S4
S18         3   S S17 NOT AY>1999
```

12/3,K/24 (Item 21 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0007650347 & & *Drawing available*
WPI Acc no: 1996-270173/199628
XRPX Acc No: N1996-227029
Device, e.g. printer or display, controlled by information processing appts. - has unit identifying type of operating system of information processing appts. and outputting device driver controlling device to information processing appts.
Patent Assignee: CANON KK (CANO)
Inventor: NAKAGIRI K

Patent Family (5 patents, 6 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 716371	A2	19960612	EP 1995119135	A	19951205	199628	B
JP 8161250	A	19960621	JP 1994301723	A	19941206	199635	E
EP 716371	B1	20030326	EP 1995119135	A	19951205	200323	E
DE 69530050	E	20030430	DE 69530050	A	19951205	200336	E
			EP 1995119135	A	19951205		
US 6606669	B1	20030812	US 1995567536	A	19951205	200355	E

Priority Applications (no., kind, date): JP 1994301723 A 19941206; EP 1995119135 A 19951205

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 716371	A2	EN	13	7		
Regional Designated States,Original	DE FR GB IT NL					
JP 8161250	A	JA	11			
EP 716371	B1	EN				
Regional Designated States,Original	DE FR GB IT NL					
DE 69530050	E	DE			Application	EP 1995119135
					Based on OPI patent	EP 716371

Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**basis of the identification result. The peripheral device has a memory in which the device **driver** corresponding to the **peripheral** device has been stored, **the** device **driver** in **the** memory is **transferred to** the host computer as necessary and is loaded into the OS of the host computer.

12/3,K/18 (Item 15 from file: 350) **Links**
Fulltext available through: Order File History

0008186327 & & *Drawing available*
WPI Acc no: 1997-289439/199726
XRPX Acc No: N1997-239657
Loadable driver for handling mass memory interface to computer - has disc driver held on disc and loaded into computer memory along with defect list during initialisation with expansion BIOS
Patent Assignee: INTERSECT TECHNOLOGIES INC (INTE-N); TEXAS INSTR INC (TEXI)
Inventor: CORNABY S R; HARMER T D

Patent Family (7 patents, 70 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997018505	A2	19970522	WO 1996US17550	A	19961031	199726	B
AU 199675514	A	19970605	AU 199675514	A	19961031	199738	E
WO 1997018505	A3	19970612	WO 1996US17550	A	19961031	199740	E
EP 806005	A1	19971112	EP 1996937864	A	19961031	199750	E
			WO 1996US17550	A	19961031		
US 6393492	B1	20020521	US 1995553024	A	19951103	200239	E
EP 806005	B1	20030326	EP 1996937864	A	19961031	200323	E
			WO 1996US17550	A	19961031		
DE 69626962	E	20030430	DE 69626962	A	19961031	200336	E
			EP 1996937864	A	19961031		
			WO 1996US17550	A	19961031		

Priority Applications (no., kind, date): US 1995553024 A 19951103

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1997018505	A2	EN	41	5		
National Designated States,Original	AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN					
Regional Designated States,Original	AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 199675514	A	EN			Based on OPI patent	WO 1997018505
WO 1997018505	A3	EN				
EP 806005	A1	EN			PCT Application	WO 1996US17550
					Based on OPI patent	WO 1997018505
Regional Designated States,Original	DE FR GB IT NL					
EP 806005	B1	EN			PCT Application	WO 1996US17550
					Based on OPI patent	WO 1997018505
Regional Designated States,Original	DE FR GB IT NL					
DE 69626962	E	DE			Application	EP 1996937864

					PCT Application	WO 1996US17550
					Based on OPI patent	EP 806005
					Based on OPI patent	WO 1997018505

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**mass memory storage peripheral computer device (56);b) during the start-up of the system, **loading** the **loadable** device **driver** (66) **into the system** RAM (50) for use during the operation of the system,
wherein the loadable device driver...

12/3,K/19 (Item 16 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0008178133 & & *Drawing available*
WPI Acc no: 1997-280607/199725
XRPX Acc No: N1997-232549
Program downloading type information processor - includes CPU that executes download control program without stopping ordinary processing, to download new program stored in external storage device into second storage area of second storage device
Patent Assignee: NEC CORP (NIDE)
Inventor: OZAKI H

Patent Family (2 patents, 2 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5630139	A	19970513	US 1995385683	A	19950208	199725	B
JP 7225686	A	19950822	JP 199437831	A	19940210	199725	E

Priority Applications (no., kind, date): JP 199437831 A 19940210

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5630139	A	EN	14	5	
JP 7225686	A	JA	9	1	

...**includes CPU that executes download control program without stopping ordinary processing, to download new program stored in external storage device into second storage area of second storage device** Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**in the ordinary processing program, the CPU executes the download control program to download the **new program from** an **external device into** the **second program storage** area of **the RAM** and store the **downloaded** program in the EEPROM, while the CPU is reset after the storage of the program.

12/3,K/5 (Item 2 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0012979559 & & *Drawing available*
WPI Acc no: 2003-057027/200305
XRPX Acc No: N2003-044104
System board control system for computer, has peripheral controller which allows system board to be connected to host system and to be recognized as peripheral by host system
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BURKE T C; DAYAN R A; KERN E R

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6466994	B1	20021015	US 1999281850	A	19990331	200305	B

Priority Applications (no., kind, date): US 1999281850 A 19990331

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6466994	B1	EN	14	6	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**system board to be recognized by the host system as a peripheral. The method and **system** further include loading the **program** from **the** host system **to** the nonvolatile **storage.**

12/3,K/6 (Item 3 from file: 350) **Links**
Fulltext available through: Order File History
Derwent WPIX

0012505537 & & *Drawing available*
WPI Acc no: 2002-453444/200248
XRPX Acc No: N2002-357555
Application and data files distribution system for telecommunication network, distributes interactive voice response (IVR) related files in service nodes, based on the analyzed user commands
Patent Assignee: MCI COMMUNICATIONS CORP (MCIC-N)
Inventor: BJORNBERG G; COBB D; PHELPS D; SANTA P D

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6389126	B1	20020514	US 199874050	A	19980507	200248	B

Priority Applications (no., kind, date): US 199874050 A 19980507

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6389126	B1	EN	17	6	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**nodes, wherein each of said service nodes includes a network of a plurality of intelligent **peripherals**, **an application** server, and a storage **device** for storing a telecommunications **application**;distribution means for **distributing** the **application** and data files **to** the service **nodes**, via said **communications** interface means, in response to commands from said task analyzer; anda service control manager...

12/3,K/12 (Item 9 from file: 350) **Links**
Fulltext available through: Order File History

0009503463 & & *Drawing available*
WPI Acc no: 1999-446316/199938
XRPX Acc No: N1999-333073
Parallel processing system providing even performance without suffering from limited expandability or requiring additional software
Patent Assignee: NCR CORP (NATC); NCR INT INC (NATC)
Inventor: ADAMSON A P; CHOW K M; MEYER M W; MULLER K P; MULLER P K

Patent Family (3 patents, 27 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 935200	A1	19990811	EP 1999300708	A	19990201	199938	B
JP 11328135	A	19991130	JP 199963739	A	19990204	200007	E
US 6247077	B1	20010612	US 199820198	A	19980206	200135	E

Priority Applications (no., kind, date): US 199820198 A 19980206

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 935200	A1	EN	45	11	
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
JP 11328135	A	JA	92		

Alerting Abstract ... NOVELTY - The system has compute **nodes** (200) for executing **applications**, I/O **nodes** (212), each **communicatively** coupled **to** a **storage** resources, and an interconnect fabric (106) providing communication between any of the compute nodes and... Original Publication Data by

AuthorityArgentina**Publication No.** ...**Original Abstracts:**processing computer system architecture is described. The parallel processing system comprises a plurality of compute **nodes** (200) for executing **applications**, a plurality of **I**/O **nodes** (212), each **communicatively** coupled **to** a **plurality** of **storage** resources (not shown), and an interconnect fabric (106) providing communication between any of the compute... ... system comprises a plurality of compute nodes for executing applications, a plurality of I/O **nodes**, each **communicatively coupled to** a plurality of **storage** resources, and **an** interconnect fabric providing communication between any of the compute nodes and any of the I... **Claims:**1. A parallel processing system, comprising:
a plurality of compute **nodes** for executing **applications**;
a plurality of **input**/output (I/O) **nodes**, each **communicatively** coupled **to** a plurality of **storage** resources; and
a interconnect fabric providing communication between any of the compute nodes and any...

12/3,K/31 (Item 28 from file: 350) **Links**
Fulltext available through: Order File History

0006483750 & & *Drawing available*
WPI Acc no: 1993-289841/199337
XRPX Acc No: N1993-222919
Input-output control in computer system - involves transmitting channel program corresp. to stored I-O requests to external storage controller which performs queuing of sequentially executed channel commands
Patent Assignee: HITACHI LTD (HITA)
Inventor: ODAWARA H; TAKAMOTO Y

Patent Family (5 patents, 3 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 560343	A1	19930915	EP 1993103889	A	19930310	199337	B
US 5640596	A	19970617	US 199327373	A	19930308	199730	E
EP 560343	B1	19990113	EP 1993103889	A	19930310	199907	E
DE 69322985	E	19990225	DE 69322985	A	19930310	199914	E
			EP 1993103889	A	19930310		
JP 3252517	B2	20020204	JP 199347731	A	19930309	200211	E

Priority Applications (no., kind, date): JP 199251299 A 19920310

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 560343	A1	EN	42	24	
Regional Designated States,Original	DE GB				
US 5640596	A	EN	38	24	
EP 560343	B1	EN			
Regional Designated States,Original	DE GB				

DE 69322985	E	DE			Application	EP 1993103889
					Based on OPI patent	EP 560343
JP 3252517	B2	JA	37		Previously issued patent	JP 06012359

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**said upper apparatus, from a storage (121) which holds a plurality of control programs;
(b) **transferring** said read out control program to said external storage control **apparatus** (131);
(c) **storing** said transferred **control program** within said **external** storage control **apparatus** (131); **and**
(d) executing **said** stored control **program** under control of said **external** storage control **apparatus** (131).
... ... said upper apparatus, from a storage (121) which holds a plurality of control programs;
(b) **transferring** said read out control **program to** said **external storage** control **apparatus** (131);
(c) storing said transferred control program within said external storage control apparatus (131); and... ... the external storage control apparatus;(b) transferring said read out control programs collectively as one **transfer** unit **to** said **external storage** control **apparatus**;(**c**) storing said **transferring** control programs in a memory within said external storage control apparatus; and,(d) executing said

20/3K/1 (Item 1 from file: 348) **Links**
Fulltext available through: Order File History
EUROPEAN PATENTS

01808317
Printer, recording medium for storing print control programs, and printing method
Drucker, Speichermedium fur das Drucksteuerprogramm und Druckverfahren
Imprimante, medium de stockage pour des programmes de commande d'impression et methode d'impression

Patent Assignee:

- **SEIKO EPSON CORPORATION**; (730008)
  4-1, Nishi-Shinjuku 2-chome; Shinjuku-ku,Tokyo; (JP)
  (Proprietor designated states: all)

Inventor:

- **Hayashi, Toshihiro**
  Seiko Epson Corporation3-5, Owa 3-chome; Suwa-shiNagano; (JP)
- **Matsuzawa, Yoshihiko**
  Seiko Epson Corporation3-5, Owa 3-chome; Suwa-shiNagano; (JP)

Legal Representative:

- **Marchitelli, Mauro (73475)**
  c/o Buzzi, Notaro & Antonielli d'Oulx Srl Via Maria Vittoria 18; 10123 Torino; (IT)

	Country	Number	Kind	Date	
Patent	EP	1475235	A1	20041110	(Basic)

	EP	1475235	B1	20060920	
Application	EP	2004016811		19990825	
Priorities	JP	98242351		19980827	
	JP	98305882		19981027	
	JP	99198990		19990713	

Designated States:
AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE;

Related Parent Numbers: Patent (Application):EP 982146 (EP 99116619)

International Patent Class (V7): B41J-013/12; B41J-002/045

IPC	Level	Value	Position	Status	Version	Action	Source	Office
B41J-0013/12	A	I	F	B	20060101	20040916	H	EP
B41J-0002/045	A	I	L	B	20060101	20040916	H	EP

Abstract Word Count: 119
NOTE: 1
NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text

Publication: English
Procedural: English
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200446	1189
SPEC A	(English)	200446	13989
CLAIMS B	(English)	200638	1195
CLAIMS B	(German)	200638	1006
CLAIMS B	(French)	200638	1392
SPEC B	(English)	200638	13297
Total Word Count (Document A) 15181			
Total Word Count (Document B) 16890			
Total Word Count (All Documents) 32071			

Specification: ...device 103 into the memory 102 and executed by the CPU 101, or that the **printer driver** is down-**loaded** through a network **into** the external **storage** device 103, and it is **loaded**, as occasion demands, from the external storage device 103 into the memory 102 or directly...

Specification: ...device 103 into the memory 102 and executed by the CPU 101, or that the **printer driver** is down-**loaded** through a network **into** the external **storage** device 103, and it is **loaded**, as occasion demands, from the external storage device 103 into the memory 102 or directly...

[File 625] **American Banker Publications** 1981-2008/Jun 26
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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
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Set Items Description

```
S1       6088   S (DRIVERS? OR DRIVER? OR (DEVICE OR PERIPHERAL)(2N)(SOFTWARE? OR
PROGRAM? OR APPLICATION? OR ENABLER? OR DIRECTOR?))(5N)(UPLOAD? OR LOAD? OR
DOWNLOAD? OR SEND? OR SENT OR TRANSMIT? OR TRANSFER? OR COPY? OR COPIES OR COPIED
OR COMMUNICAT? OR MOVE OR MOVED OR MOVING OR FLOW? OR DATAFLOW? OR
OPERATI(2N)COMMUNICAT? OR INPUT? OR INFLOW?)
S2         93   S (PERIPHERAL? OR NODE? OR (EXTERNAL OR SEPARATE OR ATTACHED OR
EXPAN? OR ADDED OR ADDITIONAL OR ADDON OR ADD()ON OR PLUG(2W)PLAY OR NONHOST OR
NON()HOST OR OUTSIDE OR NONSERVER OR NON()SERVER))(2W)(DEVICE? OR COMPONENT? OR
PROCESSOR? OR MICROPROCESSOR? OR APPARATUS? OR HARDWARE OR GADGET? OR EQUIPMENT OR
DRIVE OR DRIVES OR DISK OR DISC OR DISKS OR DISCS) OR TRANSACTION()FUNCTION?
S3          1   S (TO OR INTO OR (IN OR ON)()TO OR ONTO OR TOWARDS OR
ENTER?)(3W)(DATASTOR? OR BUFFER OR DATA()(STOR? OR MEDIUM OR MEDIA OR SOURCE) OR
STORAGE OR MEMORY OR (STANDBY OR ACCESSIBLE OR INTERMEDIATE OR SHARED)()(LOCATION
OR DISK OR DISC OR CHIP OR MICROCHIP OR BUFFER) OR HARDDRIVE OR (DISC OR DISK OR
HARD OR NETWORK)(2N)(DRIVE OR DRIVES) OR FLOPPY OR FLOPPIES OR STORE?)(6N)S1
S4         13   S (PRINTER? ? OR SCANNER? OR MICROPHONES OR SPEAKERS OR CAMERA?)
S5          1   S FIRST OR SECOND OR NEXT OR PRIOR OR FOLLOWING OR SUBSEQUENT OR
THIRD OR ADDITIONAL OR ASSOCIATED OR ADJACENT OR SEQUENTIAL OR OTHER
S6         79   S (CASHLINE OR ATM OR ATMS OR (COMPUTERI? OR ELECTRONIC OR ROBOT?
OR AUTOMAT?)(2N)(TELLER? OR BANK?()MACHINE) OR (AUTOMAT?()TRANSACTION)(2N)(MACHINE
OR DEVICE OR APPARATUS) OR CASH()(DISPENSER OR MACHINE))
S7          3   S S1(3N)DATA()STOR?
S8          4   S S4(6N) (DRIVERS? OR DRIVER? OR (DEVICE OR
PERIPHERAL)(2N)(SOFTWARE? OR PROGRAM? OR APPLICATION? OR ENABLER? OR DIRECTOR?))
S9         13   S S6(9N)S1
```

{AFTER, BUT CLOSE TO DATE}

8/5,K/2 (Item 1 from file: 2) **Links**
Fulltext available through: STIC Full Text Retrieval Options
INSPEC

07204991 **INSPEC Abstract Number:** C1999-05-6150E-005
Title: Jini: the universal network?
Author Williams, A.
Journal: WEB Techniques vol.4, no.3 p. 55-6, 58, 60
Publisher: Miller Freeman ,
Publication Date: March 1999 **Country of Publication:** USA
CODEN: WETEFA **ISSN:** 1086-556X
SICI: 1086-556X(199903)4:3L.55:JUN;1-W
Material Identity Number: F184-1999-002

Language: English **Document Type:** Journal Paper (JP)
Treatment: Practical (P)
Abstract: The premise behind Java is "write once, run anywhere." Sun's Jini applies that principal to network-attached devices, from removable storage to digital cameras. The author shows you how Jini might change the way devices find and exploit network services. While Java lets you write code that runs on different platforms, it doesn't completely address the problem of integrating those disparate platforms. If you want to connect a digital camera to your computer, you'd better have the right software for the camera. If you want to use the camera on a different computer, you'll probably have to connect it directly to that second

computer, and you'd better have the camera's software handy. Jini is a set of services and protocols that solves this problem. A Jini-compliant digital camera connects directly to an IP based network. Other nodes on the network will detect the **camera** and can download the **drivers** required directly from the **camera**. This ensures that the **driver** matches the target hardware. Since Jini is based on Java, any computer with a Java virtual machine (JVM) can use the driver (in theory, anyway), avoiding the which-driver-do-I-need-for-this-computer problem. (0 Refs)

Subfile: C

Descriptors: device drivers; Internet; Java

Identifiers: universal network; Jini; Java; network-attached devices; removable storage; digital cameras; network services; disparate platforms; Jini-compliant digital camera; IP based network; Java virtual machine

Class Codes: C6150E (General utility programs); C6110J (Object-oriented programming); C6140D (High level languages); C7210N (Information networks); C6150N (Distributed systems software)

Abstract: ...connects directly to an IP based network. Other nodes on the network will detect the **camera** and can download the **drivers** required directly from the **camera**. This ensures that the **driver** matches the target hardware. Since Jini is based on Java, any computer with a Java...

V. Additional Resources Searched

No additional results of relevance found in the additional databases identified in the cover correspondence.